

2013 Index

IEEE Journal on Selected Areas in Communications

Vol. 31

This index covers all technical items — papers, correspondence, reviews, etc. — that appeared in this periodical during 2013, and items from previous years that were commented upon or corrected in 2013. Departments and other items may also be covered if they have been judged to have archival value.

The Author Index contains the primary entry for each item, listed under the first author's name. The primary entry includes the coauthors' names, the title of the paper or other item, and its location, specified by the publication abbreviation, year, month, and inclusive pagination. The Subject Index contains entries describing the item under all appropriate subject headings, plus the first author's name, the publication abbreviation, month, and year, and inclusive pages. Note that the item title is found only under the primary entry in the Author Index.

AUTHOR INDEX

A

- Abdelzaker, Tarek**, see Wang, Dong, *J-SAC June 2013 1026-1037*
- Abou-Rjeily, Chadi**, A Symbol-by-Symbol Cooperative Diversity Scheme for Relay-Assisted UWB Communications with PPM; *J-SAC August 2013 1436-1445*
- Adachi, Fumiyuki**, see Zhou, Yiqing, *J-SAC October 2013 1977-1980*
- Addepalli, Sateesh**, see Li, Xu, *J-SAC September 2013 513-522*
- Adel, Usman**, see Yang, Shusen, *J-SAC June 2013 1124-1134*
- Aggarwal, Charu C.**, see Wang, Dong, *J-SAC June 2013 1026-1037*
- Aggarwal, Rohit**, Koksal, C. Emre, and Schniter, Philip, On the Design of Large Scale Wireless Systems; *J-SAC February 2013 215-225*
- Agusti, Ramon**, see Tachwali, Yahia, *J-SAC March 2013 451-463*
- Ahmed, Nadeem**, Kanhere, Salil S., and Jha, Sanjay, Utilizing Link Characterization for Improving the Performance of Aerial Wireless Sensor Networks; *J-SAC August 2013 1639-1649*
- Ahmed, Reaz**, see Bari, Md. Faizul, *J-SAC September 2013 299-309*
- Akter, Shahriar**, see Chiarini, Giovanni, *J-SAC September 2013 6-18*
- Akyildiz, Ian F.**, see Tachwali, Yahia, *J-SAC March 2013 451-463*
- Akyildiz, Ian F.**, see Cacciapuoti, Angela Sara, *J-SAC November 2013 2161-2172*
- Akyildiz, Ian F.**, see Wang, Pu, *J-SAC March 2013 514-522*
- Alhussein, Musaed A.**, see Lu, Hsiao-Chen, *J-SAC September 2013 391-398*
- Allen, Markus**, see Marttila, Jaakko, *J-SAC November 2013 2222-2236*
- Almashor, Mahathir**, Khalil, Ibrahim, Tari, Zahir, and Zomaya, Albert Y., Automatic and Autonomous Load Management in Peer-to-Peer Virtual Environments; *J-SAC September 2013 310-324*
- Alouini, Mohamed-Slim**, see Park, Ki-Hong, *J-SAC September 2013 1741-1750*
- Alrabadi, Osama N.**, Tsakalaki, Elpiniki, Huang, Howard, and Pedersen, Gert F., Beamforming via Large and Dense Antenna Arrays Above a Clutter; *J-SAC February 2013 314-325*
- Amin, Rahul**, Martin, Jim, Deaton, Juan, DaSilva, Luiz A., Hussien, Amr, and Eltawil, Ahmed, Balancing Spectral Efficiency, Energy Consumption, and Fairness in Future Heterogeneous Wireless Systems with Reconfigurable Devices; *J-SAC May 2013 969-980*
- Andersson, Mattias**, Schaefer, Rafael F., Oechtering, Tobias J., and Skoglund, Mikael, Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages; *J-SAC September 2013 1901-1908*
- Ansari, Nirwan**, see Yang, Jie, *J-SAC September 2013 175-188*
- Aref, Mohammad Reza**, see Salimi, Somayeh, *J-SAC September 2013 1765-1778*
- Arya, Vijay**, see Ganu, Tanuja, *J-SAC July 2013 1205-1218*
- Ashikhmin, Alexei**, see Fernandes, Fabio, *J-SAC February 2013 192-201*
- Atapattu, Saman**, Jing, Yindi, Jiang, Hai, and Tellambura, Chintha, Relay Selection and Performance Analysis in Multiple-User Networks; *J-SAC August 2013 1517-1529*
- Attar, Hani**, see Nazir, Sajid, *J-SAC August 2013 1629-1637*
- Azmi, M.H.**, Li, J., Yuan, J., and Malaney, R., LDPC codes for soft decode-and-forward in half-duplex relay channels; *J-SAC Aug. 2013 1402-1413*

B

- Bai, Fan**, see Cheng, Lin, *J-SAC September 2013 449-459*
- Baligh, Hadi**, see Hong, Mingyi, *J-SAC February 2013 226-240*
- Baras, John S.**, see Chen, Hua, *J-SAC November 2013 2324-2337*
- Bari, Md. Faizul**, Haque, Md. Rakibul, Ahmed, Reaz, Boutaba, Raouf, and Mathieu, Bertrand, A Naming Scheme for P2P Web Hosting; *J-SAC September 2013 299-309*
- Bash, Boulat A.**, Goeckel, Dennis, and Towsley, Don, Limits of Reliable Communication with Low Probability of Detection on AWGN Channels; *J-SAC September 2013 1921-1930*
- Basu, P.**, Gibbens, R., La Porta, T., Lin, C.-Y., Swami, A., and Yoneki, E., Guest Editorial: Network science; *J-SAC June 2013 993-996*
- Batalama, Stella N.**, see Li, Ming, *J-SAC September 2013 1864-1874*
- Bayram, I. Safak**, Michailidis, George, Devetsikiotis, Michael, and Granelli, Fabrizio, Electric Power Allocation in a Network of Fast Charging Stations; *J-SAC July 2013 1235-1246*
- Beckman, Richard**, Channakeshava, Karthik, Huang, Fei, Kim, Junwhan, Marathe, Achla, Marathe, Madhav, Pei, Guan hong, Saha, Sudip, and Vullikanti, Anil Kumar S., Integrated Multi-Network Modeling Environment for Spectrum Management; *J-SAC June 2013 1158-1168*
- Bernardini, Riccardo**, see Lima, Livio, *J-SAC September 2013 200-213*
- Berry, Randall**, see Zhou, Hang, *J-SAC March 2013 489-499*
- Berry, Randall A.**, see Sagduyu, Yalin E., *J-SAC August 2013 1506-1516*
- Berthier, Robin**, see McLaughlin, Stephen, *J-SAC July 2013 1319-1330*
- Bharati, Sailesh**, and Zhuang, Weihua, CAH-MAC: Cooperative ADHOC MAC for Vehicular Networks; *J-SAC September 2013 470-479*
- Bisdikian, Chatschik**, see Wei, Wei, *J-SAC April 2013 808-818*
- Biswas, Jit**, see Lu, Zongqing, *J-SAC April 2013 743-755*
- Bliss, Daniel W.**, see Hua, Yingbo, *J-SAC August 2013 1361-1367*
- Bloch, Matthieu R.**, and Laneman, J. Nicholas, Exploiting Partial Channel State Information for Secrecy over Wireless Channels; *J-SAC September 2013 1840-1849*
- Borsetti, Diego**, see Fiore, Marco, *J-SAC September 2013 480-490*
- Boukerche, Azzedine**, see Fanelli, Mario, *J-SAC September 2013 115-131*
- Boutaba, Raouf**, see Bari, Md. Faizul, *J-SAC September 2013 299-309*
- Bucceri, Anthony**, see Wu, Xinzhou, *J-SAC September 2013 399-408*

C

- Cabric, Danijela**, see Urriza, Paulo, *J-SAC November 2013 2185-2195*
- Cabric, Danijela**, see Gabran, Wesam, *J-SAC March 2013 544-558*
- Cabric, Danijela**, see Liu, Chun-Hao, *J-SAC November 2013 2312-2323*
- Cacciapuoti, Angela Sara**, Akyildiz, Ian F., and Paura, Luigi, Optimal Primary-User Mobility Aware Spectrum Sensing Design for Cognitive Radio Networks; *J-SAC November 2013 2161-2172*
- Cai, Xinran**, see Wen, Ke, *J-SAC January 2013 39-48*
- Cao, Bin**, Liang, Hao, Mark, Jon W., and Zhang, Qinyu, Exploiting Orthogonally Dual-Polarized Antennas in Cooperative Cognitive Radio Networking; *J-SAC November 2013 2362-2373*
- Cao, Jiabin**, Guo, Chuanxiong, Lu, Guohan, Xiong, Yongqiang, Zheng, Yixin, Zhang, Yongguang, Zhu, Yibo, Chen, Chen, and Tian, Ye, Datacast: A Scalable and Efficient Reliable Group Data Delivery Service for Data Centers; *J-SAC December 2013 2632-2645*
- Cao, Zhenfu**, see Lin, Huang, *J-SAC September 2013 279-290*
- Cardoso, Leonardo S.**, see Maso, Marco, *J-SAC November 2013 2338-2348*
- Careglio, Davide**, see Klinkowski, Mirosław, *J-SAC January 2013 26-38*
- Carra, Damiano**, Michiardi, Pietro, Salah, Hani, and Strufe, Thorsten, On the Impact of Incentives in eMule {Analysis and Measurements of a Popular File-Sharing Application}; *J-SAC September 2013 94-104*
- Casellas, Ramon**, Munoz, Raul, Fabrega, Josep M., Moreolo, Michela Svaluto, Martinez, Ricardo, Liu, Lei, Tsuritani, Takehiro, and Morita, Itsuro, Design and Experimental Validation of a GMPLS/PCE Control Plane for Elastic CO-OFDM Optical Networks; *J-SAC January 2013 49-61*
- Casetti, Claudio**, see Fiore, Marco, *J-SAC September 2013 480-490*

- Castiglione, P.**, Savazzi, S., Nicoli, M., and Zemen, T., Partner Selection in Indoor-to-Outdoor Cooperative Networks: An Experimental Study; *J-SAC August 2013* 1559-1571
- Chan, Sammy**, see Xu, Chongbin, *J-SAC November 2013* 2387-2396
- Chang, Le**, Pan, Jianping, and Xing, Min, Effective Utilization of User Resources in PA-VoD Systems with Channel Heterogeneity; *J-SAC September 2013* 227-236
- Chang, Rocky K. C.**, see Liu, Yujing, *J-SAC June 2013* 1147-1157
- Channakeshava, Karthik**, see Beckman, Richard, *J-SAC June 2013* 1158-1168
- Chatterjee, Avhishek**, Deb, Supratim, Nagaraj, Kanthi, and Srinivasan, Vikram, Low Delay MAC Scheduling for Frequency-Agile Multi-Radio Wireless Networks; *J-SAC November 2013* 2262-2275
- Chen, Biao**, see Wang, Shengling, *J-SAC September 2013* 369-378
- Chen, Changjia**, see Chen, Yishuai, *J-SAC September 2013* 189-199
- Chen, Chen**, see Cao, Jiabin, *J-SAC December 2013* 2632-2645
- Chen, Chung Shue**, see Hou, I-Hong, *J-SAC May 2013* 937-946
- Chen, Haihua**, Pan, Zhengang, Tian, Lin, Shi, Jinglin, Yang, Guanghua, and Suzuki, Masakiyo, A Novel AWSF Algorithm for DOA Estimation in Virtual MIMO Systems; *J-SAC October 2013* 1994-2003
- Chen, Hsiao-Hwa**, see Zhou, Liang, *J-SAC May 2013* 981-991
- Chen, Hsiao-Hwa**, see Zhang, Hongli, *J-SAC September 2013* 105-114
- Chen, Hua**, and Baras, John S., Distributed Opportunistic Scheduling for Wireless Ad-Hoc Networks with Block-Fading Model; *J-SAC November 2013* 2324-2337
- Chen, Huaxia**, Jiang, Yonglei, Xu, Jing, and Hu, Honglin, Energy-Efficient Coordinated Scheduling Mechanism for Cellular Communication Systems with Multiple Component Carriers; *J-SAC May 2013* 959-968
- Chen, Jiming**, see Zhou, Huan, *J-SAC September 2013* 669-679
- Chen, Jiming**, see He, Shibo, *J-SAC September 2013* 75-84
- Chen, Jyh-Cheng**, see Liang, Jui-Chi, *J-SAC March 2013* 476-488
- Chen, Kwang-Cheng**, Chiang, Mung, and Poor, H. Vincent, From Technological Networks to Social Networks; *J-SAC September 2013* 548-572
- Chen, Lien-Wu**, Sharma, Pranay, and Tseng, Yu-Chee, Dynamic Traffic Control with Fairness and Throughput Optimization Using Vehicular Communications; *J-SAC September 2013* 504-512
- Chen, Meng Chang**, see Lu, Hsiao-Chen, *J-SAC September 2013* 391-398
- Chen, Min**, see Luo, Changqing, *J-SAC November 2013* 2442-2452
- Chen, Ming**, see Wang, Dongming, *J-SAC October 2013* 2112-2127
- Chen, Minghua**, see Zhang, Linquan, *J-SAC December 2013* 2710-2721
- Chen, Minghua**, see Chen, Xiangwen, *J-SAC September 2013* 155-164
- Chen, Qian**, Wong, Wai-Choong, Motani, Mehul, and Liang, Ying-Chang, MAC Protocol Design and Performance Analysis for Random Access Cognitive Radio Networks; *J-SAC November 2013* 2289-2300
- Chen, Shengbo**, Shroff, Ness B., and Sinha, Prasun, Heterogeneous Delay Tolerant Task Scheduling and Energy Management in the Smart Grid with Renewable Energy; *J-SAC July 2013* 1258-1267
- Chen, Shigang**, see Chen, Shiping, *J-SAC September 2013* 359-368
- Chen, Shiping**, Qiao, Yan, Chen, Shigang, and Li, Jianfeng, Estimating the Cardinality of a Mobile Peer-to-Peer Network; *J-SAC September 2013* 359-368
- Chen, Xiangwen**, Chen, Minghua, Li, Baochun, Zhao, Yao, Wu, Yunnan, and Li, Jin, Celerity: A Low-Delay Multi-Party Conferencing Solution; *J-SAC September 2013* 155-164
- Chen, Xu**, and Huang, Jianwei, Database-Assisted Distributed Spectrum Sharing; *J-SAC November 2013* 2349-2361
- Chen, Xu**, and Huang, Jianwei, Distributed Spectrum Access with Spatial Reuse; *J-SAC March 2013* 593-603
- Chen, Y.**, see Jiang, C., *J-SAC March 2013* 406-416
- Chen, Ying-Ju**, see Gao, Lin, *J-SAC March 2013* 581-592
- Chen, Yishuai**, Zhang, Baoxian, Chen, Changjia, Meng, Weixiao, and Li, Cheng, Performance Investigation on Request Collisions in Peer-To-Peer Live Streaming Systems: Problems and Algorithms; *J-SAC September 2013* 189-199
- Chen, Zhiyong**, see Firooz, Mohammad H., *J-SAC August 2013* 1618-1628
- Chen, Zhong**, Wang, Xiaodong, and Zhang, Xianda, Continuous Power Allocation Strategies for Sensing-Based Multiband Spectrum Sharing; *J-SAC November 2013* 2409-2419
- Cheng, Chen-Mou**, see Wu, Chih-Yao, *J-SAC September 2013* 1687-1700
- Cheng, Chi**, Jiang, Tao, and Zhang, Qian, TESLA-Based Homomorphic MAC for Authentication in P2P System for Live Streaming with Network Coding; *J-SAC September 2013* 291-298
- Cheng, Gang**, see Yang, Jie, *J-SAC September 2013* 175-188
- Cheng, Lin**, Stancil, Daniel D., and Bai, Fan, A Roadside Scattering Model for the Vehicle-to-Vehicle Communication Channel; *J-SAC September 2013* 449-459
- Cheng, Nan**, see Zhang, Ning, *J-SAC November 2013* 2453-2464
- Cheng, Peng**, see Rui, Yun, *J-SAC May 2013* 926-936
- Cheng, Peng**, see He, Shibo, *J-SAC September 2013* 75-84
- Cheng, Samuel**, see Nazir, Sajid, *J-SAC August 2013* 1629-1637
- Cheng, Wenchi**, Zhang, Xi, and Zhang, Hailin, Joint Spectrum and Power Efficiencies Optimization for Statistical QoS Provisionings Over SISO/MIMO Wireless Networks; *J-SAC May 2013* 903-915
- Cheng, Wenchi**, Zhang, Xi, and Zhang, Hailin, QoS-Aware Power Allocations for Maximizing Effective Capacity Over Virtual-MIMO Wireless Networks; *J-SAC October 2013* 2043-2057
- Cheng, Xiang**, see Xu, Chen, *J-SAC September 2013* 348-358
- Cheng, Xiang**, Yao, Qi, Wen, Miaowen, Wang, Cheng-Xiang, Song, Ling-Yang, and Jiao, Bing-Li, Wideband Channel Modeling and Inter-carrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems; *J-SAC September 2013* 434-448
- Cheng, Xiuzhen**, see Wang, Shengling, *J-SAC September 2013* 369-378
- Cheng, Xiuzhen**, see Li, Wei, *J-SAC November 2013* 2483-2493
- Cheng, Xiuzhen**, see Hu, Chunqiang, *J-SAC September 2013* 37-46
- Cheng, Yu**, see Hao, Yong, *J-SAC September 2013* 523-537
- Cheng, Yu**, see Hu, Chengchen, *J-SAC September 2013* 132-141
- Chiang, Mung**, see Chen, Kwang-Cheng, *J-SAC September 2013* 548-572
- Chiarini, Giovanni**, Ray, Pradeep, Akter, Shahriar, Masella, Cristina, and Ganz, Aura, mHealth Technologies for Chronic Diseases and Elders: A Systematic Review; *J-SAC September 2013* 6-18
- Chiasserini, Carla-Fabiana**, see Fiore, Marco, *J-SAC September 2013* 480-490
- Cho, Kideok**, see Park, Kunwoo, *J-SAC September 2013* 165-174
- Cho, Sung-rae**, and Choi, Wan, Energy-Efficient Repulsive Cell Activation for Heterogeneous Cellular Networks; *J-SAC May 2013* 870-882
- Choi, Jaehyuk**, see Kim, Hyoil, *J-SAC November 2013* 2580-2591
- Choi, Kae Won**, see Thilina, Karaputugala Madushan, *J-SAC November 2013* 2209-2221
- Choi, Wan**, see Cho, Sung-rae, *J-SAC May 2013* 870-882
- Choi, Yanghee**, see Park, Kunwoo, *J-SAC September 2013* 165-174
- Chong, Jo Woon**, see Jeong, Youngmin, *J-SAC September 2013* 418-433
- Chorti, Arsenia**, Perlaza, Samir M., Han, Zhu, and Poor, H. Vincent, On the Resilience of Wireless Multiuser Networks to Passive and Active Eavesdroppers; *J-SAC September 2013* 1850-1863
- Chou, Tzu-Han**, Draper, Stark C., and Sayeed, Akbar M., Secret Key Generation from Sparse Wireless Channels: Ergodic Capacity and Secrecy Outage; *J-SAC September 2013* 1751-1764
- Christodoulopoulos, Konstantinos**, Tomkos, Ioannis, and Varvarigos, Emmanouel, Time-Varying Spectrum Allocation Policies and Blocking Analysis in Flexible Optical Networks; *J-SAC January 2013* 13-25
- Chun, Young Jin**, see Kim, Sang Wu, *J-SAC August 2013* 1414-1422
- Cochran, Douglas**, see Yagan, Osman, *J-SAC June 2013* 1038-1048
- Cohen, Kobi**, Leshem, Amir, and Zehavi, Ephraim, Game Theoretic Aspects of the Multi-Channel ALOHA Protocol in Cognitive Radio Networks; *J-SAC November 2013* 2276-2288
- Collings, Iain B.**, see Geraci, Giovanni, *J-SAC September 2013* 1660-1671
- Collings, Iain B.**, see Ni, Wei, *J-SAC May 2013* 829-839
- Comellas, Jaume**, see Klinkowski, Miroslaw, *J-SAC January 2013* 26-38
- Conti, Andrea**, see Lee, Jemin, *J-SAC September 2013* 1889-1900
- Corradi, Antonio**, see Fanelli, Mario, *J-SAC September 2013* 115-131
- Couillet, Romain**, see Geraci, Giovanni, *J-SAC September 2013* 1660-1671
- Crabbe, Edward**, see Ghosh, Amitabha, *J-SAC December 2013* 2673-2684
- Crespo, P.M.**, see Hernaez, M., *J-SAC August 2013* 1368-1378
- Cui, Shuguang**, see Huang, Chuan, *J-SAC August 2013* 1469-1479
- Cui, Yong**, Xiao, Shihan, Liao, Chunpeng, Stojmenovic, Ivan, and Li, Minming, Data Centers as Software Defined Networks: Traffic Redundancy Elimination with Wireless Cards at Routers; *J-SAC December 2013* 2658-2672
- Cui, Yong**, see Li, Wei, *J-SAC November 2013* 2483-2493

D

- Dai, Huaiyu**, see Zhang, Huazi, *J-SAC November 2013* 2517-2527
- Dai, Huaiyu**, see He, Xiaofan, *J-SAC November 2013* 2196-2208
- Dai, Linglong**, Wang, Zhaocheng, and Yang, Zhixing, Spectrally Efficient Time-Frequency Training OFDM for Mobile Large-Scale MIMO Systems; *J-SAC February 2013* 251-263
- Dai, Linglong**, Wang, Zhaocheng, and Yang, Zhixing, Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications; *J-SAC September 2013* 460-469

- Dai, Linglong**, Zhang, Chao, Xu, Zhengyuan, and Wang, Zhaocheng, Spectrum-Efficient Coherent Optical OFDM for Transport Networks; *J-SAC January 2013* 62-74
- Dalai, Marco**, see Lima, Livio, *J-SAC September 2013* 200-213
- Das, Sajal K.**, see Zhou, Huan, *J-SAC September 2013* 669-679
- DaSilva, Luiz A.**, see Amin, Rahul, *J-SAC May 2013* 969-980
- DaSilva, Luiz A.**, see Irwin, Ryan E., *J-SAC March 2013* 442-450
- DaSilva, Luiz A.**, see Macaluso, Irene, *J-SAC November 2013* 2237-2248
- De Silva, Liyanage Chandratilake**, see Ganu, Tanuja, *J-SAC July 2013* 1205-1218
- Deaton, Juan**, see Amin, Rahul, *J-SAC May 2013* 969-980
- Deb, Supratim**, see Chatterjee, Avhishek, *J-SAC November 2013* 2262-2275
- Debbah, Merouane**, see Hoydis, Jakob, *J-SAC February 2013* 160-171
- Debbah, Merouane**, see Maso, Marco, *J-SAC November 2013* 2338-2348
- Debbah, Merouane**, see Geraci, Giovanni, *J-SAC September 2013* 1660-1671
- Del Ser, J.**, see Hernaez, M., *J-SAC August 2013* 1368-1378
- Del Ser, Javier**, see Matinmikko, Marja, *J-SAC November 2013* 2173-2184
- Deng, Jing**, see Liu, Yang, *J-SAC November 2013* 2301-2311
- Deng, Lei**, see Rui, Yun, *J-SAC May 2013* 926-936
- Devar, Sendilramkumar**, KS, Karthik, Ramamurthi, Bhaskar, and Koilpillai, R. David, Downlink Throughput Enhancement of a Cellular Network using Two-Hop User-Deployable Indoor Relays; *J-SAC August 2013* 1607-1617
- Devetsikiotis, Michael**, see Bayram, I. Safak, *J-SAC July 2013* 1235-1246
- Dey, Bikash Kumar**, see Shah, Virag, *J-SAC April 2013* 714-730
- Diggavi, Suhass**, see Karamchandani, Nikhil, *J-SAC April 2013* 666-677
- Ding, Zhi**, see Yang, Yang, *J-SAC May 2013* 825-828
- Dinh, Thang N.**, and Thai, My T., Community Detection in Scale-Free Networks: Approximation Algorithms for Maximizing Modularity; *J-SAC June 2013* 997-1006
- Dong, Chao**, see Yang, Jie, *J-SAC September 2013* 175-188
- Dong, Yan**, see Shan, Dan, *J-SAC September 2013* 1817-1827
- Dong, YaoZu**, see Guan, HaiBing, *J-SAC December 2013* 2596-2609
- Draper, Stark C.**, see Chou, Tzu-Han, *J-SAC September 2013* 1751-1764
- Du, Jinfeng**, Xiao, Ming, Skoglund, Mikael, and Medard, Muriel, Wireless Multicast Relay Networks with Limited-Rate Source-Conferencing; *J-SAC August 2013* 1390-1401
- Du, Qinghe**, see Yin, Wenshan, *J-SAC November 2013* 2249-2261
- Du, Xiaojiang**, see Su, Majing, *J-SAC September 2013* 338-347
- Du, Xiaojiang**, see Zhang, Hongli, *J-SAC September 2013* 105-114
- Du, Yuan**, see Zhou, Huan, *J-SAC September 2013* 669-679
- Durisi, Giuseppe**, see Yang, Wei, *J-SAC February 2013* 117-132
- E**
- Ekici, Eylem**, see Xue, Dongyue, *J-SAC March 2013* 534-543
- El Rouayheb, Salim**, see Ernvall, Toni, *J-SAC December 2013* 2701-2709
- El-Halabi, Mustafa**, Liu, Tie, and Georgiades, Costas N., Secrecy Capacity per Unit Cost; *J-SAC September 2013* 1909-1920
- Eltawil, Ahmed**, see Amin, Rahul, *J-SAC May 2013* 969-980
- Engelmann, Sabrina**, see Ho, Zuleita, *J-SAC September 2013* 1672-1686
- Ephremides, Anthony**, see Fanous, Anthony, *J-SAC March 2013* 523-533
- Ernvall, Toni**, El Rouayheb, Salim, Hollanti, Camilla, and Poor, H. Vincent, Capacity and Security of Heterogeneous Distributed Storage Systems; *J-SAC December 2013* 2701-2709
- Esnaola, Inaki**, see Ozay, Mete, *J-SAC July 2013* 1306-1318
- Evans, Brian L.**, see Lin, Jing, *J-SAC July 2013* 1172-1183
- F**
- Fabrega, Josep M.**, see Casellas, Ramon, *J-SAC January 2013* 49-61
- Fakoorian, S. Ali A.**, and Swindlehurst, A. Lee, On the Optimality of Linear Precoding for Secrecy in the MIMO Broadcast Channel; *J-SAC September 2013* 1701-1713
- Faloutsos, Christos**, see Wei, Xuetao, *J-SAC June 2013* 1049-1060
- Faloutsos, Michalis**, see Wei, Xuetao, *J-SAC June 2013* 1049-1060
- Fan, Jialu**, see Zhou, Huan, *J-SAC September 2013* 669-679
- Fan, Rui**, see Lu, Zongqing, *J-SAC April 2013* 743-755
- Fanelli, Mario**, Foschini, Luca, Corradi, Antonio, and Boukerche, Azzedine, Self-Adaptive Context Data Distribution with Quality Guarantees in Mobile P2P Networks; *J-SAC September 2013* 115-131
- Fang, Binxing**, see Su, Majing, *J-SAC September 2013* 338-347
- Fang, Yugang**, see Lin, Huang, *J-SAC September 2013* 279-290
- Fang, Yuguang**, see Yue, Hao, *J-SAC May 2013* 883-893
- Fanous, Anthony**, and Ephremides, Anthony, Stable Throughput in a Cognitive Wireless Network; *J-SAC March 2013* 523-533
- Fawaz, Ahmed**, see McLaughlin, Stephen, *J-SAC July 2013* 1319-1330
- Feng, Chunyan**, see Guo, Caili, *J-SAC March 2013* 379-393
- Feng, Wei**, Wang, Yanmin, Ge, Ning, Lu, Jianhua, and Zhang, Junshan, Virtual MIMO in Multi-Cell Distributed Antenna Systems: Coordinated Transmissions with Large-Scale CSIT; *J-SAC October 2013* 2067-2081
- Fernandes, Fabio**, Ashikhmin, Alexei, and Marzetta, Thomas L., Inter-Cell Interference in Noncooperative TDD Large Scale Antenna Systems; *J-SAC February 2013* 192-201
- Filippou, Miltiades**, see Yin, Haifan, *J-SAC February 2013* 264-273
- Finn, Danny**, see Macaluso, Irene, *J-SAC November 2013* 2237-2248
- Fiore, Marco**, Casetti, Claudio, Chiasserini, Carla-Fabiana, and Borsetti, Diego, Persistent Localized Broadcasting in VANETs; *J-SAC September 2013* 480-490
- Firooz, Mohammad H.**, Chen, Zhiyong, Roy, Sumit, and Liu, Hui, Wireless Network Coding via Modified 802.11 MAC/PHY: Design and Implementation on SDR; *J-SAC August 2013* 1618-1628
- Fonseca, Nelson L. S. da**, see Manzato, Daniel A. G., *J-SAC September 2013* 326-337
- Fontaine, Nicolas K.**, see Wen, Ke, *J-SAC January 2013* 39-48
- Foschini, Luca**, see Fanelli, Mario, *J-SAC September 2013* 115-131
- Fu, Liquan**, Zhang, Ying Jun Angela, and Huang, Jianwei, Energy Efficient Transmissions in MIMO Cognitive Radio Networks; *J-SAC November 2013* 2420-2431
- Fujii, Tatsuya**, see Suto, Katsuya, *J-SAC September 2013* 247-256
- G**
- Gabran, Wesam**, Liu, Chun-Hao, Pawelczak, Przemyslaw, and Cabric, Danijela, Primary User Traffic Estimation for Dynamic Spectrum Access; *J-SAC March 2013* 544-558
- Gadh, Rajit**, see Lee, Eun-Kyu, *J-SAC July 2013* 1195-1204
- Ganguly, Niloy**, see Ghosh, Saptarshi, *J-SAC September 2013* 584-594
- Ganu, Tanuja**, Seetharam, Deva P., Arya, Vijay, Hazra, Jagabondhu, Sinha, Deeksha, Kunath, Rajesh, De Silva, Liyanage Chandratilake, Husain, Saiful A., and Kalyanaraman, Shivkumar, nPlug: An Autonomous Peak Load Controller; *J-SAC July 2013* 1205-1218
- Ganz, Aura**, see Chiarini, Giovanni, *J-SAC September 2013* 6-18
- Gao, Lin**, Huang, Jianwei, Chen, Ying-Ju, and Shou, Biying, An Integrated Contract and Auction Design for Secondary Spectrum Trading; *J-SAC March 2013* 581-592
- Gao, Xiqi**, see Zhang, Jun, *J-SAC February 2013* 133-148
- Gastpar, Michael**, see Zhan, Jiening, *J-SAC April 2013* 620-638
- Gazor, Saeed**, see Hua, Yingbo, *J-SAC August 2013* 1361-1367
- Ge, Mengyao**, see Wang, Shaowei, *J-SAC November 2013* 2432-2441
- Ge, Mengyao**, see Wang, Shaowei, *J-SAC March 2013* 464-475
- Ge, Ning**, see Feng, Wei, *J-SAC October 2013* 2067-2081
- Ge, Xiaohu**, see Hong, Xuemin, *J-SAC October 2013* 2128-2140
- Geisler, David J.**, see Wen, Ke, *J-SAC January 2013* 39-48
- Georgiades, Costas N.**, see El-Halabi, Mustafa, *J-SAC September 2013* 1909-1920
- Geraci, Giovanni**, Couillet, Romain, Yuan, Jinhong, Debbah, Merouane, and Collings, Iain B., Large System Analysis of Linear Precoding in MISO Broadcast Channels with Confidential Messages; *J-SAC September 2013* 1660-1671
- Gerla, Mario**, see Lee, Eun-Kyu, *J-SAC July 2013* 1195-1204
- Gesbert, David**, see Yin, Haifan, *J-SAC February 2013* 264-273
- Ghoghho, Mounir**, see Zaidi, Syed Ali Raza, *J-SAC August 2013* 1543-1558
- Ghosh, Amitabha**, Ha, Sangtae, Crabbe, Edward, and Rexford, Jennifer, Scalable Multi-Class Traffic Management in Data Center Backbone Networks; *J-SAC December 2013* 2673-2684
- Ghosh, Saptarshi**, Saha, Sudipta, Srivastava, Ajitesh, Krueger, Tyll, Ganguly, Niloy, and Mukherjee, Animesh, Understanding Evolution of Inter-Group Relationships Using Bipartite Networks; *J-SAC September 2013* 584-594
- Gibbens, R.**, see Basu, P., *J-SAC June 2013* 993-996
- Girard, Andre**, see Sappidi, Rajasekhar, *J-SAC April 2013* 731-742
- Gkatzikis, Lazaros**, Koutsopoulos, Iordanis, and Salonidis, Theodoros, The Role of Aggregators in Smart Grid Demand Response Markets; *J-SAC July 2013* 1247-1257
- Glisic, Savo**, see Yue, Hao, *J-SAC May 2013* 883-893
- Goeckel, Dennis**, see Bash, Boulat A., *J-SAC September 2013* 1921-1930
- Goeckel, Dennis**, see Wei, Wei, *J-SAC April 2013* 808-818

- Goeckel, Dennis**, *see* Sheikholeslami, Azadeh, *J-SAC September 2013 1828-1839*
- Golic, Jovan Dj.**, *see* Salimi, Somayeh, *J-SAC September 2013 1765-1778*
- Golmie, Nada**, Scaglione, Anna, Lampe, Lutz, Yeh, Edmund, Smith, Sean, and Tong, Lang, Guest Editorial: Smart Grid Communications; *J-SAC July 2013 1169-1171*
- Gong, Shimin**, Wang, Ping, Liu, Yongkang, and Zhuang, Weihua, Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks; *J-SAC November 2013 2397-2408*
- Granelli, Fabrizio**, *see* Bayram, I. Safak, *J-SAC July 2013 1235-1246*
- Guan, HaiBing**, Dong, YaoZu, Tian, Kun, and Li, Jian, SR-IOV Based Network Interrupt-Free Virtualization with Event Based Polling; *J-SAC December 2013 2596-2609*
- Guha, Ratul**, *see* Wu, Xinzhou, *J-SAC September 2013 399-408*
- Guizani, Mohsen**, *see* Su, Majing, *J-SAC September 2013 338-347*
- Gunawardena, Subodha**, and Zhuang, Weihua, Service Response Time of Elastic Data Traffic in Cognitive Radio Networks; *J-SAC March 2013 559-570*
- Gunduz, Deniz**, *see* Tan, Onur, *J-SAC July 2013 1331-1341*
- Guo, Caili**, Wu, Xiaobin, Feng, Chunyan, and Zeng, Zhimin, Spectrum Sensing for Cognitive Radios Based on Directional Statistics of Polarization Vectors; *J-SAC March 2013 379-393*
- Guo, Chuanxiong**, *see* Zhang, Linquan, *J-SAC December 2013 2710-2721*
- Guo, Chuanxiong**, *see* Cao, Jiaxin, *J-SAC December 2013 2632-2645*
- Guo, Dongning**, *see* Sagduyu, Yalin E., *J-SAC August 2013 1506-1516*
- Guo, Weisi**, and O'Farrell, Timothy, Dynamic Cell Expansion with Self-Organizing Cooperation; *J-SAC May 2013 851-860*
- Guo, Weisi**, and O'Farrell, Tim, Relay Deployment in Cellular Networks: Planning and Optimization; *J-SAC August 2013 1597-1606*
- Guo, Yang**, *see* Sun, Yi, *J-SAC September 2013 379-390*
- Gursoy, M. Cenk**, *see* Ozcan, Gozde, *J-SAC November 2013 2541-2554*
- Guthy, Christian**, Utschick, Wolfgang, and Honig, Michael L., Large System Analysis of Sum Capacity in the Gaussian MIMO Broadcast Channel; *J-SAC February 2013 149-159*

H

- Ha, Sangtae**, *see* Ghosh, Amitabha, *J-SAC December 2013 2673-2684*
- Hajjat, Mohammad**, N, Shankaranarayanan P, Maltz, David, Rao, Sanjay, and Sripanidkulchai, Kunwadee, Dynamic Request Splitting for Interactive Cloud Applications; *J-SAC December 2013 2722-2737*
- Han, Zhu**, *see* Xu, Chen, *J-SAC September 2013 348-358*
- Han, Zhu**, *see* Yuan, Zhou, *J-SAC November 2013 2494-2503*
- Han, Zhu**, *see* Wang, Tianyu, *J-SAC September 2013 538-547*
- Han, Zhu**, *see* Chorti, Arsenia, *J-SAC September 2013 1850-1863*
- Han, Zhu**, *see* Tran, Nguyen H., *J-SAC November 2013 2566-2579*
- Hanly, Stephen V.**, *see* Zakhour, Randa, *J-SAC February 2013 287-302*
- Hao, Yong**, Tang, Jin, and Cheng, Yu, Secure Cooperative Data Downloading in Vehicular Ad Hoc Networks; *J-SAC September 2013 523-537*
- Haque, Md. Rakibul**, *see* Bari, Md. Faizul, *J-SAC September 2013 299-309*
- Hazra, Jagabondhu**, *see* Ganu, Tanuja, *J-SAC July 2013 1205-1218*
- He, Chunlong**, Sheng, Bin, Zhu, Pengcheng, You, Xiaohu, and Li, Geoffrey Ye, Energy- and Spectral-Efficiency Tradeoff for Distributed Antenna Systems with Proportional Fairness; *J-SAC May 2013 894-902*
- He, Shibo**, Li, Xu, Chen, Jiming, Cheng, Peng, Sun, Youxian, and Simplot-Ryl, David, EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant Wireless Sensor and Actor Networks; *J-SAC September 2013 75-84*
- He, Ting**, *see* Wei, Wei, *J-SAC April 2013 808-818*
- He, Xiaofan**, Dai, Huaiyu, and Ning, Peng, HMM-Based Malicious User Detection for Robust Collaborative Spectrum Sensing; *J-SAC November 2013 2196-2208*
- Hernaez, M.**, Crespo, P.M., and Del Ser, J., On the design of a novel joint network-channel coding scheme for the multiple access relay channel; *J-SAC August 2013 1368-1378*
- Ho, Chin Keong**, Tan, Peng Hui, and Sun, Sumei, Energy-Efficient Relaying over Multiple Slots with Causal CSI; *J-SAC August 2013 1494-1505*
- Ho, Zuleita**, Jorswieck, Eduard, and Engelmann, Sabrina, Information Leakage Neutralization for the Multi-Antenna Non-Regenerative Relay-Assisted Multi-Carrier Interference Channel; *J-SAC September 2013 1672-1686*
- Holbert, Brett**, *see* McLaughlin, Stephen, *J-SAC July 2013 1319-1330*
- Hollanti, Camilla**, *see* Ernvall, Toni, *J-SAC December 2013 2701-2709*
- Hong, Choong Seon**, *see* Tran, Nguyen H., *J-SAC November 2013 2566-2579*

- Hong, Mingyi**, Xu, Zi, Razaviyayn, Meisam, and Luo, Zhi-Quan, Joint User Grouping and Linear Virtual Beamforming: Complexity, Algorithms and Approximation Bounds; *J-SAC October 2013 2013-2027*
- Hong, Mingyi**, *see* Li, Qiang, *J-SAC September 2013 1714-1727*
- Hong, Mingyi**, Sun, Ruoyu, Baligh, Hadi, and Luo, Zhi-Quan, Joint Base Station Clustering and Beamformer Design for Partial Coordinated Transmission in Heterogeneous Networks; *J-SAC February 2013 226-240*
- Hong, Xuemin**, Jie, Yu, Wang, Cheng-Xiang, Shi, Jianghong, and Ge, Xiaohu, Energy-Spectral Efficiency Trade-Off in Virtual MIMO Cellular Systems; *J-SAC October 2013 2128-2140*
- Honig, Michael L.**, *see* Guthy, Christian, *J-SAC February 2013 149-159*
- Honig, Michael L.**, *see* Zhou, Hang, *J-SAC March 2013 489-499*
- Hossain, Ekram**, *see* Kaewpuang, Rakpong, *J-SAC December 2013 2685-2700*
- Hossain, Ekram**, *see* Thilina, Karaputugala Madushan, *J-SAC November 2013 2209-2221*
- Hou, I-Hong**, and Chen, Chung Shue, An Energy-Aware Protocol for Self-Organizing Heterogeneous LTE Systems; *J-SAC May 2013 937-946*
- Hou, Xiaoyun**, *see* Wang, Dongming, *J-SAC October 2013 2112-2127*
- Hoydis, Jakob**, ten Brink, Stephan, and Debbah, Merouane, Massive MIMO in the UL/DL of Cellular Networks: How Many Antennas Do We Need?; *J-SAC February 2013 160-171*
- Hu, Chengchen**, Shan, Danfeng, Cheng, Yu, and Qin, Tao, Inter-Swarm Content Distribution Among Private BitTorrent Networks; *J-SAC September 2013 132-141*
- Hu, Chunqiang**, Zhang, Nan, Li, Hongjuan, Cheng, Xiuzhen, and Liao, Xiaofeng, Body Area Network Security: A Fuzzy Attribute-Based Signcryption Scheme; *J-SAC September 2013 37-46*
- Hu, Honglin**, *see* Chen, Huaxia, *J-SAC May 2013 959-968*
- Hu, Rose Qingyang**, *see* Zhou, Liang, *J-SAC May 2013 981-991*
- Hu, Rose Qingyang**, *see* Zhou, Jiazhen, *J-SAC September 2013 85-93*
- Hua, Yingbo**, Bliss, Daniel W., Gazor, Saeed, Rong, Yue, and Sung, Youngchul, Guest Editorial: Theories and Methods for Advanced Wireless Relays — Issue II; *J-SAC August 2013 1361-1367*
- Huang, Chuan**, Zhang, Rui, and Cui, Shuguang, Throughput Maximization for the Gaussian Relay Channel with Energy Harvesting Constraints; *J-SAC August 2013 1469-1479*
- Huang, Fei**, *see* Beckman, Richard, *J-SAC June 2013 1158-1168*
- Huang, Howard**, *see* Alrabadi, Osama N., *J-SAC February 2013 314-325*
- Huang, Jianhui**, *see* Wang, Shengling, *J-SAC September 2013 369-378*
- Huang, Jianwei**, *see* Qian, Li Ping, *J-SAC July 2013 1268-1280*
- Huang, Jianwei**, *see* Yan, Yang, *J-SAC August 2013 1480-1493*
- Huang, Jianwei**, *see* Fu, Liqun, *J-SAC November 2013 2420-2431*
- Huang, Jianwei**, *see* Chen, Xu, *J-SAC November 2013 2349-2361*
- Huang, Jianwei**, *see* Gao, Lin, *J-SAC March 2013 581-592*
- Huang, Jianwei**, *see* Chen, Xu, *J-SAC March 2013 593-603*
- Hughes, Brian L.**, *see* Taluja, Pawandeep S., *J-SAC February 2013 326-337*
- Husain, Saiful A.**, *see* Ganu, Tanuja, *J-SAC July 2013 1205-1218*
- Hussien, Amr**, *see* Amin, Rahul, *J-SAC May 2013 969-980*

I

- Ilyas, Muhammad U.**, Shafiq, M. Zubair, Liu, Alex X., and Radha, Hayder, A Distributed Algorithm for Identifying Information Hubs in Social Networks; *J-SAC September 2013 629-640*
- Ilyas, Muhammad U.**, *see* Shafiq, M. Zubair, *J-SAC September 2013 618-628*
- Irwin, David**, *see* Mishra, Aditya, *J-SAC July 2013 1281-1293*
- Irwin, Ryan E.**, MacKenzie, Allen B., and DaSilva, Luiz A., Resource-Minimized Channel Assignment for Multi-Transceiver Cognitive Radio Networks; *J-SAC March 2013 442-450*
- it**, *see* Zheng, Liang, *J-SAC March 2013 500-513*

J

- Jajszczyk, Andrzej**, *see* Ohta, Naohisa, *J-SAC September 2013 1-5*
- Jara, Antonio J.**, Zamora-Izquierdo, Miguel A., and Skarmeta, Antonio F., Interconnection Framework for mHealth and Remote Monitoring Based on the Internet of Things; *J-SAC September 2013 47-65*
- Jeong, Youngmin**, Chong, Jo Woon, Shin, Hyundong, and Win, Moe Z., Intervehicle Communication: Cox-Fox Modeling; *J-SAC September 2013 418-433*
- Jha, Sanjay**, *see* Ahmed, Nadeem, *J-SAC August 2013 1639-1649*

- Jia, Wen-Kang**, and Wang, Li-Chun, A Unified Unicast and Multicast Routing and Forwarding Algorithm for Software-Defined Datacenter Networks; *J-SAC December 2013* 2646-2657
- Jiang, Bo**, *see* Wei, Wei, *J-SAC April 2013* 808-818
- Jiang, C.**, Chen, Y., Liu, K.J.R., and Ren, Y., Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior; *J-SAC March 2013* 406-416
- Jiang, Guofei**, *see* Wu, Zhenyu, *J-SAC December 2013* 2620-2631
- Jiang, Hai**, *see* Atapattu, Saman, *J-SAC August 2013* 1517-1529
- Jiang, Hai**, *see* Zhang, Zhou, *J-SAC March 2013* 429-441
- Jiang, Tao**, *see* Cheng, Chi, *J-SAC September 2013* 291-298
- Jiang, Yonglei**, *see* Chen, Huaxia, *J-SAC May 2013* 959-968
- Jiao, Bing-Li**, *see* Cheng, Xiang, *J-SAC September 2013* 434-448
- Jiao, Bingli**, *see* Xu, Chen, *J-SAC September 2013* 348-358
- Jiao, Bingli**, *see* Wang, Tianyu, *J-SAC September 2013* 538-547
- Jie, Yu**, *see* Hong, Xuemin, *J-SAC October 2013* 2128-2140
- Jin, Hai**, *see* Liu, Fangming, *J-SAC September 2013* 214-226
- Jin, Shi**, *see* Zhang, Jun, *J-SAC February 2013* 133-148
- Jing, Tao**, *see* Li, Wei, *J-SAC November 2013* 2483-2493
- Jing, Yindi**, *see* Atapattu, Saman, *J-SAC August 2013* 1517-1529
- Johansson, Karl Henrik**, *see* Shi, Guodong, *J-SAC September 2013* 595-606
- Johansson, Karl Henrik**, *see* Shi, Guodong, *J-SAC June 2013* 1061-1071
- Johansson, Mikael**, *see* Shi, Guodong, *J-SAC June 2013* 1061-1071
- Jorgovanovic, M.**, *see* Nagpal, V., *J-SAC Aug. 2013* 1423-1435
- Jorswieck, Eduard**, *see* Ho, Zuleita, *J-SAC September 2013* 1672-1686
- Jorswieck, Eduard**, Lai, Lifeng, Ma, Wing-Kin, Poor, H. Vincent, Saad, Walid, and Swindlehurst, A. Lee, Guest Editorial: Signal Processing for Wireless Physical Layer Security; *J-SAC September 2013* 1657-1659
- Juntti, Markku**, *see* Yang, Yang, *J-SAC May 2013* 825-828

K

- Kaewpuang, Rakpong**, Niyato, Dusit, Wang, Ping, and Hossain, Ekram, A Framework for Cooperative Resource Management in Mobile Cloud Computing; *J-SAC December 2013* 2685-2700
- Kakhbod, Ali**, and Teneketzi, Demosthenis, Correction to "An Efficient Game Form for Multi-Rate Multicast Service Provisioning"; *J-SAC July 2013* 1355-1356
- Kalyanaraman, Shivkumar**, *see* Ganu, Tanuja, *J-SAC July 2013* 1205-1218
- Kanhere, Salil S.**, *see* Ahmed, Nadeem, *J-SAC August 2013* 1639-1649
- Kannan, Sreeram**, and Viswanath, Pramod, Multi-Session Function Computation and Multicasting in Undirected Graphs; *J-SAC April 2013* 702-713
- Kanoria, Yashodhan**, and Tamuz, Omer, Tractable Bayesian Social Learning on Trees; *J-SAC April 2013* 756-765
- Kaplan, Lance**, *see* Wang, Dong, *J-SAC June 2013* 1026-1037
- Kaplan, Lance**, *see* Wei, Wei, *J-SAC April 2013* 808-818
- Karagiannidis, George K.**, *see* Matthaiou, Michail, *J-SAC February 2013* 113-116
- Karamchandani, Nikhil**, Niesen, Urs, and Diggavi, Suhas, Computation over Mismatched Channels; *J-SAC April 2013* 666-677
- Karimi, Ouldooz Baghban**, Toutouchian, Milad Amir, Liu, Jiangchuan, and Wang, Chonggang, Lightweight User Grouping with Flexible Degrees of Freedom in Virtual MIMO; *J-SAC October 2013* 2004-2012
- Kato, Nei**, *see* Suto, Katsuya, *J-SAC September 2013* 247-256
- Kato, Nei**, *see* Yang, Jie, *J-SAC September 2013* 175-188
- Katz, Marcos**, *see* Sukuvaara, Timo, *J-SAC September 2013* 409-417
- Khalil, Ibrahim**, *see* Almashor, Mahathir, *J-SAC September 2013* 310-324
- Khoskholgh, Mohammad G.**, Mokari, Nader, and Shin, Kang G., Ergodic Sum Capacity of Spectrum-Sharing Multiple Access with Collision Metric; *J-SAC November 2013* 2528-2540
- Khoshevis, Behrouz**, Yu, Wei, and Lostanlen, Yves, Two-Stage Channel Quantization for Scheduling and Beamforming in Network MIMO Systems: Feedback Design and Scaling Laws; *J-SAC October 2013* 2028-2042
- Kim, Byung-Gook**, Ren, Shaolei, van der Schaar, Mihaela, and Lee, Jang-Won, Bidirectional Energy Trading and Residential Load Scheduling with Electric Vehicles in the Smart Grid; *J-SAC July 2013* 1219-1234
- Kim, Hyoil**, Choi, Jaehyuk, and Shin, Kang G., Hierarchical Market Competition in a Dupoly Super Wi-Fi Spectrum Market; *J-SAC November 2013* 2580-2591
- Kim, Jinsub**, and Tong, Lang, On Topology Attack of a Smart Grid: Undetectable Attacks and Countermeasures; *J-SAC July 2013* 1294-1305
- Kim, Junghoon**, *see* Park, Kunwoo, *J-SAC September 2013* 165-174
- Kim, Junwhan**, *see* Beckman, Richard, *J-SAC June 2013* 1158-1168

+ Check author entry for coauthors

- Kim, Kyungtae**, *see* Tan, Kefeng, *J-SAC November 2013* 2504-2516
- Kim, Sang Wu**, and Chun, Young Jin, Reliability-Rate Tradeoff in Large-Scale Multiple Access Relay Networks; *J-SAC August 2013* 1414-1422
- Klinkowski, Miroslaw**, Ruiz, Marc, Velasco, Luis, Careglio, Davide, Lopez, Victor, and Comellas, Jaume, Elastic Spectrum Allocation for Time-Varying Traffic in FlexGrid Optical Networks; *J-SAC January 2013* 26-38
- Koilpillai, R. David**, *see* Devar, Sendilramkumar, *J-SAC August 2013* 1607-1617
- Kokal, C. Emre**, *see* Mao, Zhoujia, *J-SAC September 2013* 1944-1956
- Kokal, C. Emre**, *see* Aggarwal, Rohit, *J-SAC February 2013* 215-225
- Kortun, A.**, *see* Wilcox, D., *J-SAC March 2013* 571-580
- Kountouris, Marios**, *see* Soh, Yong Sheng, *J-SAC May 2013* 840-850
- Koutsopoulos, Iordanis**, *see* Gkatzikis, Lazaros, *J-SAC July 2013* 1247-1257
- Koutsoukos, Xenofon**, *see* LeBlanc, Heath J., *J-SAC April 2013* 766-781
- Kowshik, Hemant**, and Kumar, P. R., Optimal Computation of Symmetric Boolean Functions in Collocated Networks; *J-SAC April 2013* 639-654
- Krauss, Christoph**, *see* Rottondi, Cristina, *J-SAC July 2013* 1342-1354
- Krueger, Tyll**, *see* Ghosh, Saptarshi, *J-SAC September 2013* 584-594
- Krunz, Marwan**, *see* Nguyen, Diep N., *J-SAC May 2013* 916-925
- KS, Karthik**, *see* Devar, Sendilramkumar, *J-SAC August 2013* 1607-1617
- Kulkarni, Sanjeev R.**, *see* Ozay, Mete, *J-SAC July 2013* 1306-1318
- Kumar, P. R.**, *see* Kowshik, Hemant, *J-SAC April 2013* 639-654
- Kumar, P. R.**, Kushilevitz, Eyal, Manjunath, D., Medard, Muriel, Orlitsky, Alon, and Srikant, R., Guest Editorial: In-Network Computation: Exploring the Fundamental Limits; *J-SAC April 2013* 617-619
- Kumar, P. Vijay**, *see* Lalitha, V., *J-SAC April 2013* 678-690
- Kundu, Sandipan**, *see* Li, Ming, *J-SAC September 2013* 1864-1874
- Kunnath, Rajesh**, *see* Ganu, Tanuja, *J-SAC July 2013* 1205-1218
- Kurose, Jim**, *see* Mishra, Aditya, *J-SAC July 2013* 1281-1293
- Kushilevitz, Eyal**, *see* Kumar, P. R., *J-SAC April 2013* 617-619
- Kwiat, Jian Tang Kevin**, *see* Xu, Jielong, *J-SAC December 2013* 2610-2619
- Kwon, Ted Taekyoung**, *see* Park, Kunwoo, *J-SAC September 2013* 165-174

L

- La Porta, T.**, *see* Basu, P., *J-SAC June 2013* 993-996
- Lai, Lifeng**, *see* Jorswieck, Eduard, *J-SAC September 2013* 1657-1659
- Lai, Szu-Hsiang**, *see* Lin, Pin-Hsun, *J-SAC September 2013* 1728-1740
- Lalitha, V.**, Prakash, N., Vinodh, K., Kumar, P. Vijay, and Pradhan, S. Sandeep, Linear Coding Schemes for the Distributed Computation of Subspaces; *J-SAC April 2013* 678-690
- Lampe, Lutz**, *see* Golmie, Nada, *J-SAC July 2013* 1169-1171
- Lan, Pang-Chang**, *see* Wu, Chih-Yao, *J-SAC September 2013* 1687-1700
- Laneman, J. Nicholas**, *see* Bloch, Matthieu R., *J-SAC September 2013* 1840-1849
- Langberg, Michael**, *see* Ramamoorthy, Aditya, *J-SAC April 2013* 655-665
- Larsson, Erik G.**, *see* Studer, Christoph, *J-SAC February 2013* 303-313
- Larsson, Erik G.**, *see* Matthaiou, Michail, *J-SAC February 2013* 113-116
- Lau, Francis C. M.**, *see* Zhou, Qing F., *J-SAC October 2013* 2141-2153
- Lau, Francis C.M.**, *see* Zhang, Linquan, *J-SAC December 2013* 2710-2721
- LeBlanc, Heath J.**, Zhang, Haotian, Koutsoukos, Xenofon, and Sundaram, Shreyas, Resilient Asymptotic Consensus in Robust Networks; *J-SAC April 2013* 766-781
- Lee, Chia-Han**, *see* Wu, Chih-Yao, *J-SAC September 2013* 1687-1700
- Lee, Eun-Kyu**, Gadh, Rajit, and Gerla, Mario, Energy Service Interface: Accessing to Customer Energy Resources for Smart Grid Interoperation; *J-SAC July 2013* 1195-1204
- Lee, Jang-Won**, *see* Kim, Byung-Gook, *J-SAC July 2013* 1219-1234
- Lee, Jemin**, Conti, Andrea, Rabbachin, Alberto, and Win, Moe Z., Distributed Network Secrecy; *J-SAC September 2013* 1889-1900
- Lee, Sungwon**, *see* Tran, Nguyen H., *J-SAC November 2013* 2566-2579
- Lehmann, Frederic**, Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks; *J-SAC August 2013* 1455-1468
- Lehtomaki, Janne J.**, Vuoltoniemi, Risto, and Umebayashi, Kenta, On the Measurement of Duty Cycle and Channel Occupancy Rate; *J-SAC November 2013* 2555-2565
- Leib, Harry**, *see* Yang, Yang, *J-SAC May 2013* 825-828
- Leonardi, Riccardo**, *see* Lima, Livio, *J-SAC September 2013* 200-213
- Leshem, Amir**, *see* Cohen, Kobi, *J-SAC November 2013* 2276-2288
- Leung, Victor C.M.**, *see* Luo, Changqing, *J-SAC November 2013* 2442-2452
- Leus, Geert**, *see* Maleki, Sina, *J-SAC March 2013* 364-378
- Leveque, Olivier**, *see* Ozgur, Ayfer, *J-SAC February 2013* 202-214

- Levorato, Marco**, see Michelusi, Nicolo, *J-SAC November 2013 2374-2386*
- Li, Baochun**, see Zhu, Yuefei, *J-SAC March 2013 604-613*
- Li, Baochun**, see Liu, Fangming, *J-SAC September 2013 214-226*
- Li, Baochun**, see Chen, Xiangwen, *J-SAC September 2013 155-164*
- Li, Bo**, see Liu, Fangming, *J-SAC September 2013 214-226*
- Li, Cheng**, see Chen, Yishuai, *J-SAC September 2013 189-199*
- Li, Fan**, see Yin, Wenshan, *J-SAC November 2013 2249-2261*
- Li, Geoffrey Ye**, see Zhou, Xiangwei, *J-SAC March 2013 345-352*
- Li, Geoffrey Ye**, see He, Chunlong, *J-SAC May 2013 894-902*
- Li, Hongjuan**, see Hu, Chunqiang, *J-SAC September 2013 37-46*
- Li, J.**, see Azmi, M.H., *J-SAC Aug. 2013 1402-1413*
- Li, Jian**, see Guan, HaiBing, *J-SAC December 2013 2596-2609*
- Li, Jianfeng**, see Chen, Shiping, *J-SAC September 2013 359-368*
- Li, Jin**, see Chen, Xiangwen, *J-SAC September 2013 155-164*
- Li, Jun**, see Sun, Yi, *J-SAC September 2013 379-390*
- Li, Junyi**, see Wu, Xinzhou, *J-SAC September 2013 399-408*
- Li, Lin**, Scaglione, Anna, Swami, Ananthram, and Zhao, Qing, Consensus, Polarization and Clustering of Opinions in Social Networks; *J-SAC June 2013 1072-1083*
- Li, Ming**, Kundu, Sandipan, Pados, Dimitris A., and Batalama, Stella N., Waveform Design for Secure SISO Transmissions and Multicasting; *J-SAC September 2013 1864-1874*
- Li, Ming**, see Shi, Lu, *J-SAC September 2013 1803-1816*
- Li, Ming**, see Salinas, Sergio, *J-SAC September 2013 257-267*
- Li, Mingqi**, see Rui, Yun, *J-SAC May 2013 926-936*
- Li, Minming**, see Cui, Yong, *J-SAC December 2013 2658-2672*
- Li, Pan**, see Salinas, Sergio, *J-SAC September 2013 257-267*
- Li, Qiang**, Hong, Mingyi, Wai, Hoi-To, Liu, Ya-Feng, Ma, Wing-Kin, and Luo, Zhi-Quan, Transmit Solutions for MIMO Wiretap Channels using Alternating Optimization; *J-SAC September 2013 1714-1727*
- Li, Wei**, Cheng, Xiuzhen, Jing, Tao, Cui, Yong, Xing, Kai, and Wang, Wendong, Spectrum Assignment and Sharing for Delay Minimization in Multi-Hop Multi-Flow CRNs; *J-SAC November 2013 2483-2493*
- Li, Xiao**, and Scaglione, Anna, Robust Decentralized State Estimation and Tracking for Power Systems via Network Gossiping; *J-SAC July 2013 1184-1194*
- Li, Xiaona**, see Tao, Xiaofeng, *J-SAC May 2013 861-869*
- Li, Xu**, see Liang, Xiaohui, *J-SAC September 2013 641-655*
- Li, Xu**, Qiao, Chunming, Wagh, Aditya, Sudhaakar, Raghu, Addepalli, Sateesh, Wu, Changxu, and Sadek, Adel, A Holistic Approach to Service Delivery in Driver-in-the-Loop Vehicular CPS; *J-SAC September 2013 513-522*
- Li, Xu**, see He, Shibo, *J-SAC September 2013 75-84*
- Li, Yonghui**, see Wang, Fanggang, *J-SAC October 2013 2082-2098*
- Li, Zhongcheng**, see Wang, Shengling, *J-SAC September 2013 369-378*
- Li, Zongpeng**, see Zhu, Yuefei, *J-SAC March 2013 604-613*
- Li, Zongpeng**, see Zhang, Linquan, *J-SAC December 2013 2710-2721*
- Liang, Hao**, see Cao, Bin, *J-SAC November 2013 2362-2373*
- Liang, Jui-Chi**, and Chen, Jyh-Cheng, Resource Allocation in Cognitive Radio Relay Networks; *J-SAC March 2013 476-488*
- Liang, Xiaohui**, Li, Xu, Zhang, Kuan, Lu, Rongxing, Lin, Xiaodong, and Shen, Xuemin Sherman, Fully Anonymous Profile Matching in Mobile Social Networks; *J-SAC September 2013 641-655*
- Liang, Ying-Chang**, see Zeng, Yonghong, *J-SAC March 2013 353-363*
- Liang, Ying-Chang**, see Chen, Qian, *J-SAC November 2013 2289-2300*
- Liao, Chunpeng**, see Cui, Yong, *J-SAC December 2013 2658-2672*
- Liao, Wanjiun**, see Lu, Hsiao-Chen, *J-SAC September 2013 391-398*
- Liao, Xiaofeng**, see Hu, Chunqiang, *J-SAC September 2013 37-46*
- Liew, Soung Chang**, see Wang, Fanggang, *J-SAC October 2013 2082-2098*
- Liew, Soung-Chang**, see Zhang, Shengli, *J-SAC August 2013 1572-1582*
- Lima, Livio**, Dalai, Marco, Leonardi, Riccardo, Migliorati, Pierangelo, Bernardini, Riccardo, and Rinaldo, Roberto, Optimal Rate Allocation for P2P Video Streaming; *J-SAC September 2013 200-213*
- Lin, C.-Y.**, see Basu, P., *J-SAC June 2013 993-996*
- Lin, Cen**, Liu, Yuan, and Tao, Meixia, Cross-Layer Optimization of Two-Way Relaying for Statistical QoS Guarantees; *J-SAC August 2013 1583-1596*
- Lin, Chuang**, see Wang, Haiyang, *J-SAC September 2013 66-74*
- Lin, Huang**, Zhu, Xiaoyan, Fang, Yugang, Xing, Dongsheng, Zhang, Chi, and Cao, Zhenfu, Efficient Trust Based Information Sharing Schemes over Distributed Collaborative Networks; *J-SAC September 2013 279-290*
- Lin, Jing**, Nassar, Marcel, and Evans, Brian L., Impulsive Noise Mitigation in Powerline Communications Using Sparse Bayesian Learning; *J-SAC July 2013 1172-1183*
- Lin, Pin-Hsun**, Lai, Szu-Hsiang, Lin, Shih-Chun, and Su, Hsuan-Jung, On Secrecy Rate of the Generalized Artificial-Noise Assisted Secure Beamforming for Wiretap Channels; *J-SAC September 2013 1728-1740*
- Lin, Shih-Chun**, see Lin, Pin-Hsun, *J-SAC September 2013 1728-1740*
- Lin, Shu**, see Yu, Qi-Yue, *J-SAC September 2013 142-154*
- Lin, Xiaodong**, LSR: Mitigating Zero-Day Sybil Vulnerability in Privacy-Preserving Vehicular Peer-to-Peer Networks; *J-SAC September 2013 237-246*
- Lin, Xiaodong**, see Liang, Xiaohui, *J-SAC September 2013 641-655*
- Lin, Xiaokang**, see Xu, Chongbin, *J-SAC November 2013 2387-2396*
- Ling, Yun**, see Wei, Guiyi, *J-SAC June 2013 1135-1146*
- Liu, Alex X.**, see Shafiq, M. Zubair, *J-SAC September 2013 618-628*
- Liu, Alex X.**, see Ilyas, Muhammad U., *J-SAC September 2013 629-640*
- Liu, Chun-Hao**, see Gabran, Wesam, *J-SAC March 2013 544-558*
- Liu, Chun-Hao**, Tran, Jason A., Pawelczak, Przemyslaw, and Cabric, Danijela, Traffic-Aware Channel Sensing Order in Dynamic Spectrum Access Networks; *J-SAC November 2013 2312-2323*
- Liu, Fangming**, Shen, Shijun, Li, Bo, Li, Baochun, and Jin, Hai, Cinematic Quality VoD in a P2P Storage Cloud: Design, Implementation and Measurements; *J-SAC September 2013 214-226*
- Liu, Hui**, see Firooz, Mohammad H., *J-SAC August 2013 1618-1628*
- Liu, Jiangchuan**, see Wang, Haiyang, *J-SAC September 2013 66-74*
- Liu, Jiangchuan**, see Karimi, Ouldooz Baghban, *J-SAC October 2013 2004-2012*
- Liu, K.J.R.**, see Jiang, C., *J-SAC March 2013 406-416*
- Liu, Lei**, see Casellas, Ramon, *J-SAC January 2013 49-61*
- Liu, Min**, see Wang, Shengling, *J-SAC September 2013 369-378*
- Liu, Mingyan**, see Liu, Yang, *J-SAC November 2013 2301-2311*
- Liu, Tie**, see El-Halabi, Mustafa, *J-SAC September 2013 1909-1920*
- Liu, Ya-Feng**, see Li, Qiang, *J-SAC September 2013 1714-1727*
- Liu, Yang**, Liu, Mingyan, and Deng, Jing, Evaluating Opportunistic Multi-Channel MAC: Is Diversity Gain Worth the Pain?; *J-SAC November 2013 2301-2311*
- Liu, Yingzhuang**, see Yin, Haifan, *J-SAC February 2013 264-273*
- Liu, Yongkang**, see Gong, Shimin, *J-SAC November 2013 2397-2408*
- Liu, Yuan**, see Lin, Cen, *J-SAC August 2013 1583-1596*
- Liu, Yujing**, Luo, Xiapu, Chang, Rocky K. C., and Su, Jinshu, Characterizing Inter-Domain Rerouting by Betweenness Centrality after Disruptive Events; *J-SAC June 2013 1147-1157*
- Lo, Brandon F.**, see Tachwali, Yahia, *J-SAC March 2013 451-463*
- Lopes, Ivo M. C.**, see Silva, Bruno M. C., *J-SAC September 2013 28-36*
- Lopez, Victor**, see Klinkowski, Miroslaw, *J-SAC January 2013 26-38*
- Lastanlen, Yves**, see Khoshnevis, Behrouz, *J-SAC October 2013 2028-2042*
- Lu, Guohan**, see Cao, Jiaxin, *J-SAC December 2013 2632-2645*
- Lu, Hsiao-Chen**, Liao, Wanjiun, Chen, Meng Chang, and Alhussein, MUSAED A., Coding-Aware Peer-to-Peer Data Repair in Multi-Rate Wireless Networks: A Game Theoretic Analysis; *J-SAC September 2013 391-398*
- Lu, Jianhua**, see Feng, Wei, *J-SAC October 2013 2067-2081*
- Lu, Kevin W.**, see Wu, Xinzhou, *J-SAC September 2013 399-408*
- Lu, Ning**, see Zhang, Ning, *J-SAC November 2013 2453-2464*
- Lu, Rongxing**, see Liang, Xiaohui, *J-SAC September 2013 641-655*
- Lu, Zongqing**, Wen, Yonggang, Fan, Rui, Tan, Su-Lim, and Biswas, Jit, Toward Efficient Distributed Algorithms for In-Network Binary Operator Tree Placement in Wireless Sensor Networks; *J-SAC April 2013 743-755*
- Lucani, D.E.**, see Shi, X., *J-SAC Aug. 2013 1379-1389*
- Luise, Marco**, see Monti, Massimo, *J-SAC June 2013 1105-1114*
- Luo, Changqing**, Min, Geyong, Yu, F. Richard, Chen, Min, Yang, Laurence T., and Leung, Victor C.M., Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications; *J-SAC November 2013 2442-2452*
- Luo, Jun**, see Wei, Guiyi, *J-SAC June 2013 1135-1146*
- Luo, Xiapu**, see Liu, Yujing, *J-SAC June 2013 1147-1157*
- Luo, Zhi-Quan**, see Hong, Mingyi, *J-SAC October 2013 2013-2027*
- Luo, Zhi-Quan**, see Li, Qiang, *J-SAC September 2013 1714-1727*
- Luo, Zhi-Quan**, see Hong, Mingyi, *J-SAC February 2013 226-240*

M

- Ma, Wing-Kin**, see Li, Qiang, *J-SAC September 2013 1714-1727*
- Ma, Wing-Kin**, see Jorswieck, Eduard, *J-SAC September 2013 1657-1659*
- Ma, Xiaoli**, see Zhou, Qi, *J-SAC February 2013 274-286*

- Macaluso, Irene**, Finn, Danny, Ozgul, Baris, and DaSilva, Luiz A., Complexity of Spectrum Activity and Benefits of Reinforcement Learning for Dynamic Channel Selection; *J-SAC November 2013* 2237-2248
- Machado, Tiago M. F.**, see Silva, Bruno M. C., *J-SAC September 2013* 28-36
- MacKenzie, Allen B.**, see Irwin, Ryan E., *J-SAC March 2013* 442-450
- Makowski, Armand M.**, and Yagan, Osman, Scaling Laws for Connectivity in Random Threshold Graph Models with Non-Negative Fitness Variables; *J-SAC September 2013* 573-583
- Malaney, R.**, see Azmi, M.H., *J-SAC Aug. 2013* 1402-1413
- Maleki, Sina**, and Leus, Geert, Censored Truncated Sequential Spectrum Sensing for Cognitive Radio Networks; *J-SAC March 2013* 364-378
- Maltz, David**, see Hajjat, Mohammad, *J-SAC December 2013* 2722-2737
- Mangharam, Rahul**, see Pajic, Miroslav, *J-SAC April 2013* 794-807
- Manjunath, D.**, see Shah, Virag, *J-SAC April 2013* 714-730
- Manjunath, D.**, see Kumar, P. R., *J-SAC April 2013* 617-619
- Manzato, Daniel A. G.**, and Fonseca, Nelson L. S. da, Providing Fast Channel Switching in P2P IPTV Systems; *J-SAC September 2013* 326-337
- Mao, Yuxin**, see Wei, Guiyi, *J-SAC June 2013* 1135-1146
- Mao, Zhoujia**, Koksal, C. Emre, and Shroff, Ness B., Achieving Full Secrecy Rate with Low Packet Delays: An Optimal Control Approach; *J-SAC September 2013* 1944-1956
- Marathe, Achla**, see Beckman, Richard, *J-SAC June 2013* 1158-1168
- Marathe, Madhav**, see Beckman, Richard, *J-SAC June 2013* 1158-1168
- Mark, Jon W.**, see Zhang, Ning, *J-SAC November 2013* 2453-2464
- Mark, Jon W.**, see Cao, Bin, *J-SAC November 2013* 2362-2373
- Martel, Charles**, see Zhang, Shuqiang, *J-SAC January 2013* 4-12
- Martin, Jim**, see Amin, Rahul, *J-SAC May 2013* 969-980
- Martinez, Ricardo**, see Casellas, Ramon, *J-SAC January 2013* 49-61
- Martinez-Balleste, Antoni**, see Solanas, Agusti, *J-SAC September 2013* 19-27
- Martinovic, Ivan**, see Wilhelm, Matthias, *J-SAC September 2013* 1779-1790
- Marttila, Jaakko**, Allen, Markus, and Valkama, Mikko, Frequency-Agile Multiband Quadrature Sigma-Delta Modulator for Cognitive Radio: Analysis, Design and Digital Post-Processing; *J-SAC November 2013* 2222-2236
- Marzetta, Thomas L.**, see Matthaiou, Michail, *J-SAC February 2013* 113-116
- Marzetta, Thomas L.**, see Fernandes, Fabio, *J-SAC February 2013* 192-201
- Marzetta, Thomas L.**, see Yang, Hong, *J-SAC February 2013* 172-179
- Masella, Cristina**, see Chiarini, Giovanni, *J-SAC September 2013* 6-18
- Maso, Marco**, Cardoso, Leonardo S., Debbah, Merouane, and Vangelista, Lorenzo, Cognitive Orthogonal Precoder for Two-Tiered Networks Deployment; *J-SAC November 2013* 2338-2348
- Mathieu, Bertrand**, see Bari, Md. Faizul, *J-SAC September 2013* 299-309
- Matinmikko, Marja**, Del Ser, Javier, Rauma, Tapio, and Mustonen, Miia, Fuzzy-Logic Based Framework for Spectrum Availability Assessment in Cognitive Radio Systems; *J-SAC November 2013* 2173-2184
- Matthaiou, Michail**, Zhong, Caijun, McKay, Matthew R., and Ratnarajah, Tharmalingam, Sum Rate Analysis of ZF Receivers in Distributed MIMO Systems; *J-SAC February 2013* 180-191
- Matthaiou, Michail**, Karagiannidis, George K., Larsson, Erik G., Marzetta, Thomas L., and Schober, Robert, Guest Editorial: Large-Scale Multiple Antenna Wireless Systems; *J-SAC February 2013* 113-116
- McCann, Julie A.**, see Yang, Shusen, *J-SAC June 2013* 1124-1134
- McKay, Matthew R.**, see Matthaiou, Michail, *J-SAC February 2013* 180-191
- McLaughlin, Stephen**, Holbert, Brett, Fawaz, Ahmed, Berthier, Robin, and Zonouz, Saman, A Multi-Sensor Energy Theft Detection Framework for Advanced Metering Infrastructures; *J-SAC July 2013* 1319-1330
- McLernon, Des C.**, see Zaidi, Syed Ali Raza, *J-SAC August 2013* 1543-1558
- Medard, M.**, see Shi, X., *J-SAC Aug. 2013* 1379-1389
- Medard, Muriel**, see Du, Jinfeng, *J-SAC August 2013* 1390-1401
- Medard, Muriel**, see Kumar, P. R., *J-SAC April 2013* 617-619
- Meng, Wei-Xiao**, see Yu, Qi-Yue, *J-SAC September 2013* 142-154
- Meng, Weixiao**, see Chen, Yishuai, *J-SAC September 2013* 189-199
- Meyer, Thomas**, see Monti, Massimo, *J-SAC June 2013* 1105-1114
- Michailidis, George**, see Bayram, I. Safak, *J-SAC July 2013* 1235-1246
- Michelusi, Nicolo**, Popovski, Petar, Simeone, Osvaldo, Levorato, Marco, and Zorzi, Michele, Cognitive Access Policies under a Primary ARQ Process via Forward-Backward Interference Cancellation; *J-SAC November 2013* 2374-2386
- Michiardi, Pietro**, see Carra, Damiano, *J-SAC September 2013* 94-104
- Migliorati, Pierangelo**, see Lima, Livio, *J-SAC September 2013* 200-213
- Min, Geyong**, see Luo, Changqing, *J-SAC November 2013* 2442-2452
- Mishra, Abhishek**, and Venkatasubramanian, Parv, Admissible Length Study in Anonymous Networking: A Detection Theoretic Perspective; *J-SAC September 2013* 1957-1969
- Mishra, Aditya**, Irwin, David, Shenoy, Prashant, Kurose, Jim, and Zhu, Ting, GreenCharge: Managing Renewable Energy in Smart Buildings; *J-SAC July 2013* 1281-1293
- Mohapatra, Prasant**, see Tan, Kefeng, *J-SAC November 2013* 2504-2516
- Mokari, Nader**, see Khoshkholgh, Mohammad G., *J-SAC November 2013* 2528-2540
- Monti, Massimo**, Meyer, Thomas, Tschudin, Christian F., and Luise, Marco, Stability and Sensitivity Analysis of Traffic-Shaping Algorithms Inspired by Chemical Engineering; *J-SAC June 2013* 1105-1114
- Moreolo, Michela Svaluto**, see Casellas, Ramon, *J-SAC January 2013* 49-61
- Morita, Itsuro**, see Casellas, Ramon, *J-SAC January 2013* 49-61
- Motani, Mehul**, see Chen, Qian, *J-SAC November 2013* 2289-2300
- Mukherjee, Animesh**, see Ghosh, Saptarshi, *J-SAC September 2013* 584-594
- Mukherjee, Biswanath**, see Zhang, Shuqiang, *J-SAC January 2013* 4-12
- Mukherjee, Sarit**, see Wei, David S. L., *J-SAC December 2013* 2593-2595
- Munoz, Raul**, see Casellas, Ramon, *J-SAC January 2013* 49-61
- Murai, Fabricio**, Ribeiro, Bruno, Towsley, Don, and Wang, Pinghui, On Set Size Distribution Estimation and the Characterization of Large Networks via Sampling; *J-SAC June 2013* 1017-1025
- Mustonen, Miia**, see Matinmikko, Marja, *J-SAC November 2013* 2173-2184

N

- N, Shankaranarayanan P.**, see Hajjat, Mohammad, *J-SAC December 2013* 2722-2737
- Nagaraj, Kanthi**, see Chatterjee, Avhishek, *J-SAC November 2013* 2262-2275
- Nagpal, V.**, Wang, I.H., Jorgovanovic, M., Tse, D., and Nikolic, B., Coding and system design for quantize-map-and-forward relaying; *J-SAC Aug. 2013* 1423-1435
- Naik, Kshirasagar**, see Wei, David S. L., *J-SAC December 2013* 2593-2595
- Nakachi, Takayuki**, see Suto, Katsuya, *J-SAC September 2013* 247-256
- Nassar, Marcel**, see Lin, Jing, *J-SAC July 2013* 1172-1183
- Nayak, Amiya**, see Wei, David S. L., *J-SAC December 2013* 2593-2595
- Nazir, Sajid**, Stankovic, Vladimir, Attar, Hani, Stankovic, Lina, and Cheng, Samuel, Relay-Assisted Rateless Layered Multiple Description Video Delivery; *J-SAC August 2013* 1629-1637
- Neamtiu, Iulian**, see Wei, Xuetao, *J-SAC June 2013* 1049-1060
- Nekoui, Mohammad**, and Pishro-Nik, Hossein, Analytic Design of Active Safety Systems for Vehicular Ad hoc Networks; *J-SAC September 2013* 491-503
- Nguyen, Diep N.**, and Krunz, Marwan, Power Minimization in MIMO Cognitive Networks using Beamforming Games; *J-SAC May 2013* 916-925
- Nguyen, Huy**, and Zheng, Rong, On Budgeted Influence Maximization in Social Networks; *J-SAC June 2013* 1084-1094
- Ni, Wei**, and Collings, Iain B., A New Adaptive Small-Cell Architecture; *J-SAC May 2013* 829-839
- Nicoli, M.**, see Castiglione, P., *J-SAC August 2013* 1559-1571
- Niesen, Urs**, see Karamchandani, Nikhil, *J-SAC April 2013* 666-677
- Nikolic, B.**, see Nagpal, V., *J-SAC Aug. 2013* 1423-1435
- Ning, Peng**, see He, Xiaofan, *J-SAC November 2013* 2196-2208
- Nishiyama, Hiroki**, see Suto, Katsuya, *J-SAC September 2013* 247-256
- Niyato, Dusit**, see Kaewpuang, Rakpong, *J-SAC December 2013* 2685-2700

O

- O'Farrell, Tim**, see Guo, Weisi, *J-SAC August 2013* 1597-1606
- O'Farrell, Timothy**, see Guo, Weisi, *J-SAC May 2013* 851-860
- Oechtering, Tobias J.**, see Andersson, Mattias, *J-SAC September 2013* 1901-1908
- Ohta, Naohisa**, Takahara, Atsushi, Jajszczyk, Andrzej, and Saracco, Roberto, Emerging technologies in communications; *J-SAC September 2013* 1-5
- Orlitsky, Alon**, see Kumar, P. R., *J-SAC April 2013* 617-619
- Ozay, Mete**, Esnaola, Inaki, Vural, Fatos T. Yarman, Kulkarni, Sanjeev R., and Poor, H. Vincent, Sparse Attack Construction and State Estimation in the Smart Grid: Centralized and Distributed Models; *J-SAC July 2013* 1306-1318
- Ozcan, Gozde**, and Gursoy, M. Cenk, Throughput of Cognitive Radio Systems with Finite Blocklength Codes; *J-SAC November 2013* 2541-2554
- Ozgul, Baris**, see Macaluso, Irene, *J-SAC November 2013* 2237-2248
- Ozgur, Ayfer**, Leveque, Olivier, and Tse, David, Spatial Degrees of Freedom of Large Distributed MIMO Systems and Wireless Ad Hoc Networks; *J-SAC February 2013* 202-214

P

- Pack, Sangheon**, see Park, Kunwoo, *J-SAC September 2013 165-174*
Pados, Dimitris A., see Li, Ming, *J-SAC September 2013 1864-1874*
Pajic, Miroslav, Mangharam, Rahul, Pappas, George J., and Sundaram, Shreyas, Topological Conditions for In-Network Stabilization of Dynamical Systems; *J-SAC April 2013 794-807*
Palomar, Daniel P., see Yang, Yang, *J-SAC November 2013 2465-2482*
Pan, Jianping, see Chang, Le, *J-SAC September 2013 227-236*
Pan, Miao, see Yue, Hao, *J-SAC May 2013 883-893*
Pan, Zhengang, see Chen, Haihua, *J-SAC October 2013 1994-2003*
Papadias, C. B., see Wilcox, D., *J-SAC March 2013 571-580*
Pappas, George J., see Pajic, Miroslav, *J-SAC April 2013 794-807*
Park, Ki-Hong, Wang, Tian, and Alouini, Mohamed-Slim, On the Jamming Power Allocation for Secure Amplify-and-Forward Relaying via Cooperative Jamming; *J-SAC September 2013 1741-1750*
Park, Kunwoo, Kim, Junghoon, Cho, Kideok, Kwon, Ted Taekyoung, Choi, Yanghee, and Pack, Sangheon, Waterfall: Video Distribution by Cascading Multiple Swarms; *J-SAC September 2013 165-174*
Park, Se Yong, see Zhan, Jiening, *J-SAC April 2013 620-638*
Paura, Luigi, see Cacciapuoti, Angela Sara, *J-SAC November 2013 2161-2172*
Pawelczak, Przemyslaw, see Gabran, Wesam, *J-SAC March 2013 544-558*
Pawelczak, Przemyslaw, see Liu, Chun-Hao, *J-SAC November 2013 2312-2323*
Pedersen, Gert F., see Alrabadi, Osama N., *J-SAC February 2013 314-325*
Pei, Guan hong, see Beckman, Richard, *J-SAC June 2013 1158-1168*
Pena, Albert Fernandez de la, see Solanas, Agusti, *J-SAC September 2013 19-27*
Perez-Martinez, Pablo A., see Solanas, Agusti, *J-SAC September 2013 19-27*
Perlaza, Samir M., see Chorti, Arsenia, *J-SAC September 2013 1850-1863*
Pham, The-Hanh, see Zeng, Yonghong, *J-SAC March 2013 353-363*
Ping, Li, see Xu, Chongbin, *J-SAC November 2013 2387-2396*
Ping, Li, see Zhang, Jianwen, *J-SAC February 2013 241-250*
Pishro-Nik, Hossein, see Sheikholeslami, Azadeh, *J-SAC September 2013 1828-1839*
Pishro-Nik, Hossein, see Nekoui, Mohammad, *J-SAC September 2013 491-503*
Poor, H. Vincent, see Ozay, Mete, *J-SAC July 2013 1306-1318*
Poor, H. Vincent, see Chen, Kwang-Cheng, *J-SAC September 2013 548-572*
Poor, H. Vincent, see Ernvall, Toni, *J-SAC December 2013 2701-2709*
Poor, H. Vincent, see Jorswieck, Eduard, *J-SAC September 2013 1657-1659*
Poor, H. Vincent, see Tan, Onur, *J-SAC July 2013 1331-1341*
Poor, H. Vincent, see Chorti, Arsenia, *J-SAC September 2013 1850-1863*
Popovski, Petar, see Michelusi, Nicola, *J-SAC November 2013 2374-2386*
Popovski, Petar, see Zlatanov, Nikola, *J-SAC August 2013 1530-1542*
Pradhan, S. Sandeep, see Lalitha, V., *J-SAC April 2013 678-690*
Prakash, B. Aditya, see Wei, Xuetao, *J-SAC June 2013 1049-1060*
Prakash, N., see Lalitha, V., *J-SAC April 2013 678-690*
Proietti, Roberto, see Wen, Ke, *J-SAC January 2013 39-48*

Q

- Qian, Dajun**, see Yagan, Osman, *J-SAC June 2013 1038-1048*
Qian, Li Ping, Zhang, Ying Jun Angela, Huang, Jianwei, and Wu, Yuan, Demand Response Management via Real-Time Electricity Price Control in Smart Grids; *J-SAC July 2013 1268-1280*
Qian, Yi, see Zhou, Liang, *J-SAC May 2013 981-991*
Qian, Yi, see Zhou, Jiazhen, *J-SAC September 2013 85-93*
Qiao, Chunming, see Li, Xu, *J-SAC September 2013 513-522*
Qiao, Yan, see Chen, Shiping, *J-SAC September 2013 359-368*
Qin, Tao, see Hu, Chengchen, *J-SAC September 2013 132-141*
Quek, Tony Q. S., see Soh, Yong Sheng, *J-SAC May 2013 840-850*

R

- Rabbachin, Alberto**, see Lee, Jemin, *J-SAC September 2013 1889-1900*
Rabiee, Hamid R., see Salehi, Mostafa, *J-SAC June 2013 1007-1016*
Radha, Hayder, see Shafiq, M. Zubair, *J-SAC September 2013 618-628*
Radha, Hayder, see Ilyas, Muhammad U., *J-SAC September 2013 629-640*
Ramamoorthy, Aditya, and Langberg, Michael, Communicating the Sum of Sources Over a Network; *J-SAC April 2013 655-665*
Ramamurthi, Bhaskar, see Devar, Sendilramkumar, *J-SAC August 2013 1607-1617*

- Ramos, Javier**, see Solanas, Agusti, *J-SAC September 2013 19-27*
Rangarajan, Sampath, see Tan, Kefeng, *J-SAC November 2013 2504-2516*
Rao, Sanjay, see Hajjat, Mohammad, *J-SAC December 2013 2722-2737*
Ratnarajah, T., see Wilcox, D., *J-SAC March 2013 571-580*
Ratnarajah, Tharmalingam, see Matthaiou, Michail, *J-SAC February 2013 180-191*
Rauma, Tapio, see Matinmikko, Marja, *J-SAC November 2013 2173-2184*
Ray, Pradeep, see Chiarini, Giovanni, *J-SAC September 2013 6-18*
Razaviyayn, Meisam, see Hong, Mingyi, *J-SAC October 2013 2013-2027*
Rebeiz, Eric, see Urriza, Paulo, *J-SAC November 2013 2185-2195*
Rehman, Waheed ur, see Tao, Xiaofeng, *J-SAC May 2013 861-869*
Ren, Pinyi, see Yin, Wenshan, *J-SAC November 2013 2249-2261*
Ren, Shaolei, see Kim, Byung-Gook, *J-SAC July 2013 1219-1234*
Ren, Y., see Jiang, C., *J-SAC March 2013 406-416*
Rexford, Jennifer, see Ghosh, Amitabha, *J-SAC December 2013 2673-2684*
Ribeiro, Bruno, see Murai, Fabricio, *J-SAC June 2013 1017-1025*
Richardson, Paul, see Shan, Dan, *J-SAC September 2013 1817-1827*
Riegler, Erwin, see Yang, Wei, *J-SAC February 2013 117-132*
Rinaldo, Roberto, see Lima, Livio, *J-SAC September 2013 200-213*
Rodrigues, Joel J. P. C., see Silva, Bruno M. C., *J-SAC September 2013 28-36*
Rong, Yue, see Hua, Yingbo, *J-SAC August 2013 1361-1367*
Rosenberg, Catherine, see Sappidi, Rajasekhar, *J-SAC April 2013 731-742*
Rottondi, Cristina, Verticale, Giacomo, and Krauss, Christoph, Distributed Privacy-Preserving Aggregation of Metering Data in Smart Grids; *J-SAC July 2013 1342-1354*
Roy, Sumit, see Firooz, Mohammad H., *J-SAC August 2013 1618-1628*
Rui, Yun, Zhang, Q. T., Deng, Lei, Cheng, Peng, and Li, Mingqi, Mode Selection and Power Optimization for Energy Efficiency in Uplink Virtual MIMO Systems; *J-SAC May 2013 926-936*
Ruiz, Marc, see Klinkowski, Miroslaw, *J-SAC January 2013 26-38*

S

- Saad, Walid**, see Jorswieck, Eduard, *J-SAC September 2013 1657-1659*
Sadek, Adel, see Li, Xu, *J-SAC September 2013 513-522*
Sagduyu, Yalin E., Berry, Randall A., and Guo, Dongning, Throughput and Stability for Relay-Assisted Wireless Broadcast with Network Coding; *J-SAC August 2013 1506-1516*
Saha, Sudipta, see Beckman, Richard, *J-SAC June 2013 1158-1168*
Saha, Sudipta, see Ghosh, Saptarshi, *J-SAC September 2013 584-594*
Sahai, Anant, see Zhan, Jiening, *J-SAC April 2013 620-638*
Salah, Hani, see Carra, Damiano, *J-SAC September 2013 94-104*
Salamatian, Kave, see Sun, Yi, *J-SAC September 2013 379-390*
Salehi, Mostafa, and Rabiee, Hamid R., A Measurement Framework for Directed Networks; *J-SAC June 2013 1007-1016*
Salimi, Somayeh, Skoglund, Mikael, Golic, Jovan Dj., Salmasizadeh, Mahmoud, and Aref, Mohammad Reza, Key Agreement over a Generalized Multiple Access Channel Using Noiseless and Noisy Feedback; *J-SAC September 2013 1765-1778*
Salinas, Sergio, Li, Ming, and Li, Pan, Privacy-Preserving Energy Theft Detection in Smart Grids: A P2P Computing Approach; *J-SAC September 2013 257-267*
Salmasizadeh, Mahmoud, see Salimi, Somayeh, *J-SAC September 2013 1765-1778*
Salonidis, Theodoros, see Gkatzikis, Lazaros, *J-SAC July 2013 1247-1257*
Sappidi, Rajasekhar, Rosenberg, Catherine, and Girard, Andre, Computing Statistical Functions in Wired Networks; *J-SAC April 2013 731-742*
Saquib, Nazmus, see Thilina, Karaputugala Madushan, *J-SAC November 2013 2209-2221*
Saracco, Roberto, see Ohta, Naohisa, *J-SAC September 2013 1-5*
Sasabe, Masahiro, and Takine, Tetsuya, Continuous-Time Analysis of the Simple Averaging Scheme for Global Clock Synchronization in Sparsely Populated MANETs; *J-SAC April 2013 782-793*
Sato, Ken-ichi, see Shen, Gangxiang, *J-SAC January 2013 1-3*
Savazzi, S., see Castiglione, P., *J-SAC August 2013 1559-1571*
Sayed, Akbar M., see Chou, Tzu-Han, *J-SAC September 2013 1751-1764*
Scaglione, Anna, see Li, Lin, *J-SAC June 2013 1072-1083*
Scaglione, Anna, see Golmie, Nada, *J-SAC July 2013 1169-1171*
Scaglione, Anna, see Li, Xiao, *J-SAC July 2013 1184-1194*
Schaar, Mihaela van der, see Zhang, Yu, *J-SAC September 2013 607-617*
Schaefer, Rafael F., see Andersson, Mattias, *J-SAC September 2013 1901-1908*
Schmitt, Jens B., see Wilhelm, Matthias, *J-SAC September 2013 1779-1790*
Schniter, Philip, see Aggarwal, Rohit, *J-SAC February 2013 215-225*

- Schober, Robert**, see Matthaiou, Michail, *J-SAC February 2013 113-116*
- Schober, Robert**, see Zlatanov, Nikola, *J-SAC August 2013 1530-1542*
- Scott, Ryan P.**, see Wen, Ke, *J-SAC January 2013 39-48*
- Scutari, Gesualdo**, see Yang, Yang, *J-SAC November 2013 2465-2482*
- Seetharam, Deva P.**, see Ganu, Tanuja, *J-SAC July 2013 1205-1218*
- Sellathurai, M.**, see Wilcox, D., *J-SAC March 2013 571-580*
- Shafiq, M. Zubair**, see Ilyas, Muhammad U., *J-SAC September 2013 629-640*
- Shafiq, M. Zubair**, Ilyas, Muhammad U., Liu, Alex X., and Radha, Hayder, Identifying Leaders and Followers in Online Social Networks; *J-SAC September 2013 618-628*
- Shah, Virag**, Dey, Bikash Kumar, and Manjunath, D., Network Flows for Function Computation; *J-SAC April 2013 714-730*
- Shan, Dan**, Zeng, Kai, Xiang, Weidong, Richardson, Paul, and Dong, Yan, PHY-CRAM: Physical Layer Challenge-Response Authentication Mechanism for Wireless Networks; *J-SAC September 2013 1817-1827*
- Shan, Danfeng**, see Hu, Chengchen, *J-SAC September 2013 132-141*
- Sharma, Pranay**, see Chen, Lien-Wu, *J-SAC September 2013 504-512*
- Sheikholeslami, Azadeh**, Goeckel, Dennis, and Pishro-Nik, Hossein, Everlasting Secrecy by Exploiting Non-Idealities of the Eavesdropper's Receiver; *J-SAC September 2013 1828-1839*
- Shen, Gangxiang**, Sato, Ken-ichi, Shieh, William, Tomkos, Ioannis, Yates, Jennifer, and Wong, Eric W. M., Guest Editorial Next-Generation Spectrum-Efficient and Elastic Optical Transport Networks; *J-SAC January 2013 1-3*
- Shen, Shijun**, see Liu, Fangming, *J-SAC September 2013 214-226*
- Shen, Weiming**, see Zou, Yulong, *J-SAC October 2013 2099-2111*
- Shen, Xuemin Sherman**, see Zhang, Ning, *J-SAC November 2013 2453-2464*
- Shen, Xuemin Sherman**, see Liang, Xiaohui, *J-SAC September 2013 641-655*
- Shen, Yuan**, and Win, Moe Z., Intrinsic Information of Wideband Channels; *J-SAC September 2013 1875-1888*
- Sheng, Bin**, see He, Chunlong, *J-SAC May 2013 894-902*
- Shenoy, Prashant**, see Mishra, Aditya, *J-SAC July 2013 1281-1293*
- Shi, Guodong**, and Johansson, Karl Henrik, The Role of Persistent Graphs in the Agreement Seeking of Social Networks; *J-SAC September 2013 595-606*
- Shi, Guodong**, Johansson, Mikael, and Johansson, Karl Henrik, How Agreement and Disagreement Evolve over Random Dynamic Networks; *J-SAC June 2013 1061-1071*
- Shi, Jianghong**, see Hong, Xuemin, *J-SAC October 2013 2128-2140*
- Shi, Jiantao**, see Zhang, Hongli, *J-SAC September 2013 105-114*
- Shi, Jing**, see Zhang, Rui, *J-SAC September 2013 268-278*
- Shi, Jinglin**, see Chen, Haihua, *J-SAC October 2013 1994-2003*
- Shi, Lu**, Li, Ming, Yu, Shucheng, and Yuan, Jiawei, BANA: Body Area Network Authentication Exploiting Channel Characteristics; *J-SAC September 2013 1803-1816*
- Shi, X.**, Medard, M., and Lucani, D.E., Whether and where to code in the wireless packet erasure relay channel; *J-SAC Aug. 2013 1379-1389*
- Shieh, William**, see Shen, Gangxiang, *J-SAC January 2013 1-3*
- Shin, Hyundong**, see Soh, Yong Sheng, *J-SAC May 2013 840-850*
- Shin, Hyundong**, see Jeong, Youngmin, *J-SAC September 2013 418-433*
- Shin, Kang G.**, see Khoshkholgh, Mohammad G., *J-SAC November 2013 2528-2540*
- Shin, Kang G.**, see Kim, Hyoil, *J-SAC November 2013 2580-2591*
- Shin, Kang G.**, see Zhang, Caoxie, *J-SAC March 2013 417-428*
- Shou, Biying**, see Gao, Lin, *J-SAC March 2013 581-592*
- Shroff, Ness B.**, see Chen, Shengbo, *J-SAC July 2013 1258-1267*
- Shroff, Ness B.**, see Mao, Zhoujia, *J-SAC September 2013 1944-1956*
- Silva, Bruno M. C.**, Rodrigues, Joel J. P. C., Lopes, Ivo M. C., Machado, Tiago M. F., and Zhou, Liang, A Novel Cooperation Strategy for Mobile Health Applications; *J-SAC September 2013 28-36*
- Simeone, Osvaldo**, see Michelusi, Nicolo, *J-SAC November 2013 2374-2386*
- Simplot-Ryl, David**, see He, Shibo, *J-SAC September 2013 75-84*
- Singh, Vishal**, see Wu, Zhenyu, *J-SAC December 2013 2620-2631*
- Sinha, Deeksha**, see Ganu, Tanuja, *J-SAC July 2013 1205-1218*
- Sinha, Prasun**, see Chen, Shengbo, *J-SAC July 2013 1258-1267*
- Skarmeta, Antonio F.**, see Jara, Antonio J., *J-SAC September 2013 47-65*
- Skoglund, Mikael**, see Du, Jinfeng, *J-SAC August 2013 1390-1401*
- Skoglund, Mikael**, see Andersson, Mattias, *J-SAC September 2013 1901-1908*
- Skoglund, Mikael**, see Salimi, Somayeh, *J-SAC September 2013 1765-1778*
- Slevinsky, Jim**, see Zhang, Zhou, *J-SAC March 2013 429-441*
- Smith, Sean**, see Golmie, Nada, *J-SAC July 2013 1169-1171*
- So, Anthony Man-Cho**, and Zhang, Ying Jun Angela, Distributionally Robust Slow Adaptive OFDMA with Soft QoS via Linear Programming; *J-SAC May 2013 947-958*
- Soh, Yong Sheng**, Quek, Tony Q. S., Kountouris, Marios, and Shin, Hyundong, Energy Efficient Heterogeneous Cellular Networks; *J-SAC May 2013 840-850*
- Solanas, Agusti**, Martinez-Balleste, Antoni, Perez-Martinez, Pablo A., Pena, Albert Fernandez de la, and Ramos, Javier, m-Carer: Privacy-Aware Monitoring for People with Mild Cognitive Impairment and Dementia; *J-SAC September 2013 19-27*
- Song, Ju Bin**, see Yuan, Zhou, *J-SAC November 2013 2494-2503*
- Song, Ling-Yang**, see Cheng, Xiang, *J-SAC September 2013 434-448*
- Song, Lingyang**, see Wang, Tianyu, *J-SAC September 2013 538-547*
- Song, Peiran**, see Xu, Chen, *J-SAC September 2013 348-358*
- Song, Peiran**, see Yang, Yang, *J-SAC November 2013 2465-2482*
- Srikant, R.**, see Kumar, P. R., *J-SAC April 2013 617-619*
- Srinivasan, Vikram**, see Chatterjee, Avhishek, *J-SAC November 2013 2262-2275*
- Sripianidkulchai, Kunwadee**, see Hajjat, Mohammad, *J-SAC December 2013 2722-2737*
- Srivastava, Ajitesh**, see Ghosh, Saptarshi, *J-SAC September 2013 584-594*
- Stancil, Daniel D.**, see Cheng, Lin, *J-SAC September 2013 449-459*
- Stankovic, Lina**, see Nazir, Sajid, *J-SAC August 2013 1629-1637*
- Stankovic, Vladimir**, see Nazir, Sajid, *J-SAC August 2013 1629-1637*
- Steedman, Heidi**, see Zhou, Yiqing, *J-SAC October 2013 1977-1980*
- Stojmenovic, Ivan**, see Cui, Yong, *J-SAC December 2013 2658-2672*
- Strufe, Thorsten**, see Carra, Damiano, *J-SAC September 2013 94-104*
- Studer, Christoph**, and Larsson, Erik G., PAR-Aware Large-Scale Multi-User MIMO-OFDM Downlink; *J-SAC February 2013 303-313*
- Su, Hsuan-Jung**, see Lin, Pin-Hsun, *J-SAC September 2013 1728-1740*
- Su, Jinshu**, see Liu, Yujing, *J-SAC June 2013 1147-1157*
- Su, Majing**, Zhang, Hongli, Du, Xiaojiang, Fang, Binxing, and Guizani, Mohsen, A Measurement Study on the Topologies of BitTorrent Networks; *J-SAC September 2013 338-347*
- Subramanian, Sundar**, see Wu, Xinzhou, *J-SAC September 2013 399-408*
- Sudhaakar, Raghu**, see Li, Xu, *J-SAC September 2013 513-522*
- Sukuvaara, Timo**, Ylitalo, Riika, and Katz, Marcos, IEEE 802.11p Based Vehicular Networking Operational Pilot Field Measurement; *J-SAC September 2013 409-417*
- Sun, Guolin**, see Zhou, Xiangwei, *J-SAC March 2013 345-352*
- Sun, Jinyuan**, see Zhang, Rui, *J-SAC September 2013 656-668*
- Sun, Ruoyu**, see Hong, Mingyi, *J-SAC February 2013 226-240*
- Sun, Sumei**, see Ho, Chin Keong, *J-SAC August 2013 1494-1505*
- Sun, Yi**, Yang, Y. Richard, Zhang, Xiaobing, Guo, Yang, Li, Jun, and Salamati, Kave, THash: A Practical Network Optimization Scheme for DHT-based P2P Applications; *J-SAC September 2013 379-390*
- Sun, Youxian**, see He, Shibo, *J-SAC September 2013 75-84*
- Sundaram, Shreyas**, see Pajic, Miroslav, *J-SAC April 2013 794-807*
- Sundaram, Shreyas**, see LeBlanc, Heath J., *J-SAC April 2013 766-781*
- Sung, Youngchul**, see Hua, Yingbo, *J-SAC August 2013 1361-1367*
- Suto, Katsuya**, Nishiyama, Hiroki, Kato, Nei, Nakachi, Takayuki, Fujii, Tatsuya, and Takahara, Atsushi, THUP: A P2P Network Robust to Churn and DoS Attack Based on Bimodal Degree Distribution; *J-SAC September 2013 247-256*
- Suzuki, Masakiyo**, see Chen, Haihua, *J-SAC October 2013 1994-2003*
- Swami, A.**, see Basu, P., *J-SAC June 2013 993-996*
- Swami, Ananthram**, see Zaidi, Syed Ali Raza, *J-SAC August 2013 1543-1558*
- Swami, Ananthram**, see Li, Lin, *J-SAC June 2013 1072-1083*
- Swindlehurst, A. Lee**, see Jorswieck, Eduard, *J-SAC September 2013 1657-1659*
- Swindlehurst, A. Lee**, see Fakoorian, S. Ali. A., *J-SAC September 2013 1701-1713*

T

- Tachwali, Yahia**, Lo, Brandon F., Akyildiz, Ian F., and Agusti, Ramon, Multiuser Resource Allocation Optimization Using Bandwidth-Power Product in Cognitive Radio Networks; *J-SAC March 2013 451-463*
- Takahara, Atsushi**, see Ohta, Naohisa, *J-SAC September 2013 1-5*
- Takahara, Atsushi**, see Suto, Katsuya, *J-SAC September 2013 247-256*
- Takine, Tetsuya**, see Sasabe, Masahiro, *J-SAC April 2013 782-793*
- Taluja, Pawandeep S.**, and Hughes, Brian L., Diversity Limits of Compact Broadband Multi-Antenna Systems; *J-SAC February 2013 326-337*
- Tamuz, Omer**, see Kanoria, Yashodhan, *J-SAC April 2013 756-765*

- Tan, Chee Wei**, *see* Zheng, Liang, *J-SAC March 2013 500-513*
- Tan, Kefeng**, Kim, Kyungtae, Xin, Yan, Rangarajan, Sampath, and Mohapatra, Prasant, RECOG: A Sensing-Based Cognitive Radio System with Real-Time Application Support; *J-SAC November 2013 2504-2516*
- Tan, Onur**, Gunduz, Deniz, and Poor, H. Vincent, Increasing Smart Meter Privacy Through Energy Harvesting and Storage Devices; *J-SAC July 2013 1331-1341*
- Tan, Peng**, *see* Zhang, Zhou, *J-SAC March 2013 429-441*
- Tan, Peng Hui**, *see* Ho, Chin Keong, *J-SAC August 2013 1494-1505*
- Tan, Su-Lim**, *see* Lu, Zongqing, *J-SAC April 2013 743-755*
- Tang, Jin**, *see* Hao, Yong, *J-SAC September 2013 523-537*
- Tao, Meixia**, *see* Lin, Cen, *J-SAC August 2013 1583-1596*
- Tao, Xiaofeng**, Xu, Fangmin, Rehman, Waheed ur, Xu, Yingyue, and Li, Xiaona, A Generic Mathematical Model Based on Fuzzy Set Theory for Frequency Reuse in Cellular Networks; *J-SAC May 2013 861-869*
- Tari, Zahir**, *see* Almashor, Mahathir, *J-SAC September 2013 310-324*
- Tellambura, Chintha**, *see* Atapattu, Saman, *J-SAC August 2013 1517-1529*
- ten Brink, Stephan**, *see* Hoydis, Jakob, *J-SAC February 2013 160-171*
- Teneketzi, Demosthenis**, *see* Kakhbod, Ali, *J-SAC July 2013 1355-1356*
- Thai, My T.**, *see* Dinh, Thang N., *J-SAC June 2013 997-1006*
- Thilina, Karaputugala Madushan**, Choi, Kae Won, Saquib, Nazmus, and Hossain, Ekram, Machine Learning Techniques for Cooperative Spectrum Sensing in Cognitive Radio Networks; *J-SAC November 2013 2209-2221*
- Tian, Kun**, *see* Guan, HaiBing, *J-SAC December 2013 2596-2609*
- Tian, Lin**, *see* Chen, Haihua, *J-SAC October 2013 1994-2003*
- Tian, Ye**, *see* Cao, Jiaxin, *J-SAC December 2013 2632-2645*
- Tomkos, Ioannis**, *see* Shen, Gangxiang, *J-SAC January 2013 1-3*
- Tomkos, Ioannis**, *see* Christodoulopoulos, Konstantinos, *J-SAC January 2013 13-25*
- Tong, Lang**, *see* Kim, Jinsub, *J-SAC July 2013 1294-1305*
- Tong, Lang**, *see* Golmie, Nada, *J-SAC July 2013 1169-1171*
- Toumpakaris, Dimitris**, *see* Zhou, Yiqing, *J-SAC October 2013 1977-1980*
- Toutouchian, Milad Amir**, *see* Karimi, Ouldooz Baghban, *J-SAC October 2013 2004-2012*
- Towsley, Don**, *see* Bash, Boulat A., *J-SAC September 2013 1921-1930*
- Towsley, Don**, *see* Wei, Wei, *J-SAC April 2013 808-818*
- Towsley, Don**, *see* Murai, Fabricio, *J-SAC June 2013 1017-1025*
- Tran, Jason A.**, *see* Liu, Chun-Hao, *J-SAC November 2013 2312-2323*
- Tran, Nguyen H.**, Hong, Choong Seon, Han, Zhu, and Lee, Sungwon, Optimal Pricing Effect on Equilibrium Behaviors of Delay-Sensitive Users in Cognitive Radio Networks; *J-SAC November 2013 2566-2579*
- Tsakalaki, E.**, *see* Wilcox, D., *J-SAC March 2013 571-580*
- Tsakalaki, Elpiniki**, *see* Alrabadi, Osama N., *J-SAC February 2013 314-325*
- Tschudin, Christian F.**, *see* Monti, Massimo, *J-SAC June 2013 1105-1114*
- Tse, D.**, *see* Nagpal, V., *J-SAC Aug. 2013 1423-1435*
- Tse, David**, *see* Ozgur, Ayfer, *J-SAC February 2013 202-214*
- Tseng, Yu-Chee**, *see* Wei, David S. L., *J-SAC December 2013 2593-2595*
- Tseng, Yu-Chee**, *see* Chen, Lien-Wu, *J-SAC September 2013 504-512*
- Tsuritani, Takehiro**, *see* Casellas, Ramon, *J-SAC January 2013 49-61*
- Tugnait, Jitendra K.**, Wireless User Authentication via Comparison of Power Spectral Densities; *J-SAC September 2013 1791-1802*
- Tyagi, Himanshu**, Distributed Function Computation with Confidentiality; *J-SAC April 2013 691-701*

U

- Ulukus, Sennur**, *see* Xie, Jianwei, *J-SAC September 2013 1931-1943*
- Umebayashi, Kenta**, *see* Lehtomaki, Janne J., *J-SAC November 2013 2555-2565*
- Urriza, Paulo**, Rebeiz, Eric, and Cabric, Danijela, Multiple Antenna Cyclostationary Spectrum Sensing Based on the Cyclic Correlation Significance Test; *J-SAC November 2013 2185-2195*
- Utschick, Wolfgang**, *see* Guthy, Christian, *J-SAC February 2013 149-159*

V

- Valkama, Mikko**, *see* Marttila, Jaakko, *J-SAC November 2013 2222-2236*
- Valler, Nicholas C.**, *see* Wei, Xuetao, *J-SAC June 2013 1049-1060*
- van der Schaar, Mihaela**, *see* Kim, Byung-Gook, *J-SAC July 2013 1219-1234*
- van der Schaar, Mihaela**, *see* Zhang, Yu, *J-SAC June 2013 1115-1123*
- Vangelista, Lorenzo**, *see* Maso, Marco, *J-SAC November 2013 2338-2348*
- Varshney, Lav R.**, The Wiring Economy Principle for Designing Inference Networks; *J-SAC June 2013 1095-1104*

- Varvarigos, Emmanouel**, *see* Christodoulopoulos, Konstantinos, *J-SAC January 2013 13-25*
- Vasilakos, Athanasios V.**, *see* Wei, Guiyi, *J-SAC June 2013 1135-1146*
- Velasco, Luis**, *see* Klinkowski, Miroslaw, *J-SAC January 2013 26-38*
- Venkatasubramaniam, Parv**, *see* Mishra, Abhishek, *J-SAC September 2013 1957-1969*
- Verticale, Giacomo**, *see* Rottondi, Cristina, *J-SAC July 2013 1342-1354*
- Vinodh, K.**, *see* Lalitha, V., *J-SAC April 2013 678-690*
- Viswanath, Pramod**, *see* Kannan, Sreeram, *J-SAC April 2013 702-713*
- Vohra, Rakesh**, *see* Zhou, Hang, *J-SAC March 2013 489-499*
- Vullikanti, Anil Kumar S.**, *see* Beckman, Richard, *J-SAC June 2013 1158-1168*
- Vuhtoniemi, Risto**, *see* Lehtomaki, Janne J., *J-SAC November 2013 2555-2565*
- Vural, Fatos T. Yarman**, *see* Ozay, Mete, *J-SAC July 2013 1306-1318*

W

- Wagh, Aditya**, *see* Li, Xu, *J-SAC September 2013 513-522*
- Wai, Hoi-To**, *see* Li, Qiang, *J-SAC September 2013 1714-1727*
- Wang, Cheng-Xiang**, *see* Cheng, Xiang, *J-SAC September 2013 434-448*
- Wang, Cheng-Xiang**, *see* Hong, Xuemin, *J-SAC October 2013 2128-2140*
- Wang, Cheng-Xiang**, *see* Yang, Yang, *J-SAC May 2013 825-828*
- Wang, Chonggang**, *see* Wang, Shaowei, *J-SAC March 2013 464-475*
- Wang, Chonggang**, *see* Wang, Shaowei, *J-SAC November 2013 2432-2441*
- Wang, Chonggang**, *see* Wang, Haiyang, *J-SAC September 2013 66-74*
- Wang, Chonggang**, *see* Karimi, Ouldooz Baghban, *J-SAC October 2013 2004-2012*
- Wang, Dong**, Kaplan, Lance, Abdelzaher, Tarek, and Aggarwal, Charu C., On Credibility Estimation Tradeoffs in Assured Social Sensing; *J-SAC June 2013 1026-1037*
- Wang, Dongming**, Wang, Jiangzhou, You, Xiaohu, Wang, Yan, Chen, Ming, and Hou, Xiaoyun, Spectral Efficiency of Distributed MIMO Systems; *J-SAC October 2013 2112-2127*
- Wang, Fanggang**, Yuan, Xiaojun, Liew, Soung Chang, and Li, Yonghui, Bidirectional Cellular Relay Network with Distributed Relaying; *J-SAC October 2013 2082-2098*
- Wang, Feng**, *see* Wang, Haiyang, *J-SAC September 2013 66-74*
- Wang, Haining**, *see* Wu, Zhenyu, *J-SAC December 2013 2620-2631*
- Wang, Haiyang**, Wang, Feng, Liu, Jiangchuan, Lin, Chuang, Xu, Ke, and Wang, Chonggang, Accelerating Peer-to-Peer File Sharing with Social Relations; *J-SAC September 2013 66-74*
- Wang, Hui**, *see* Zhang, Shengli, *J-SAC August 2013 1572-1582*
- Wang, I.H.**, *see* Nagpal, V., *J-SAC Aug. 2013 1423-1435*
- Wang, Jiangzhou**, *see* Wang, Dongming, *J-SAC October 2013 2112-2127*
- Wang, Jiangzhou**, *see* Zhu, Huiling, *J-SAC October 2013 2058-2066*
- Wang, Jing**, *see* Yan, Yang, *J-SAC August 2013 1480-1493*
- Wang, Li-Chun**, *see* Jia, Wen-Kang, *J-SAC December 2013 2646-2657*
- Wang, Li-Chun**, *see* Wei, David S. L., *J-SAC December 2013 2593-2595*
- Wang, Peng**, *see* Xu, Chongbin, *J-SAC November 2013 2387-2396*
- Wang, Ping**, *see* Gong, Shimin, *J-SAC November 2013 2397-2408*
- Wang, Ping**, *see* Kaewpuang, Rakpong, *J-SAC December 2013 2685-2700*
- Wang, Pinghui**, *see* Murai, Fabricio, *J-SAC June 2013 1017-1025*
- Wang, Pu**, and Akyildiz, Ian F., Asymptotic Queuing Analysis for Dynamic Spectrum Access Networks in the Presence of Heavy Tails; *J-SAC March 2013 514-522*
- Wang, Shanshan**, and Zhang, Junshan, Opportunistic Spectrum Scheduling by Jointly Exploiting Channel Correlation and PU Traffic Memory; *J-SAC March 2013 394-405*
- Wang, Shaowei**, Zhou, Zhi-Hua, Ge, Mengyao, and Wang, Chonggang, Resource Allocation for Heterogeneous Cognitive Radio Networks with Imperfect Spectrum Sensing; *J-SAC March 2013 464-475*
- Wang, Shaowei**, Ge, Mengyao, and Wang, Chonggang, Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays; *J-SAC November 2013 2432-2441*
- Wang, Shengling**, Liu, Min, Cheng, Xiuzhen, Li, Zhongcheng, Huang, Jianhui, and Chen, Biao, Opportunistic Routing in Intermittently Connected Mobile P2P Networks; *J-SAC September 2013 369-378*
- Wang, Tian**, *see* Park, Ki-Hong, *J-SAC September 2013 1741-1750*
- Wang, Tianyu**, Song, Lingyang, Han, Zhu, and Jiao, Bingli, Dynamic Popular Content Distribution in Vehicular Networks using Coalition Formation Games; *J-SAC September 2013 538-547*
- Wang, Wendong**, *see* Li, Wei, *J-SAC November 2013 2483-2493*

Wang, Xianbin, *see* Zou, Yulong, *J-SAC October 2013 2099-2111*
 Wang, Xiaodong, *see* Chen, Zhong, *J-SAC November 2013 2409-2419*
 Wang, Xiaoli, *see* Xu, Chen, *J-SAC September 2013 348-358*
 Wang, Yan, *see* Wang, Dongming, *J-SAC October 2013 2112-2127*
 Wang, Yanmin, *see* Feng, Wei, *J-SAC October 2013 2067-2081*
 Wang, Zhaocheng, *see* Dai, Linglong, *J-SAC February 2013 251-263*
 Wang, Zhaocheng, *see* Dai, Linglong, *J-SAC September 2013 460-469*
 Wang, Zhaocheng, *see* Dai, Linglong, *J-SAC January 2013 62-74*
 Wei, David S. L., Mukherjee, Sarit, Naik, Kshirasagar, Nayak, Amiya, Tseng, Yu-Chee, and Wang, Li-Chun, Guest Editorial: Networking Challenges in Cloud Computing Systems and Applications; *J-SAC December 2013 2593-2595*
 Wei, Guiyi, Zhu, Ping, Vasilakos, Athanasios V., Mao, Yuxin, Luo, Jun, and Ling, Yun, Cooperation Dynamics on Collaborative Social Networks of Heterogeneous Population; *J-SAC June 2013 1135-1146*
 Wei, Wei, He, Ting, Bisdikian, Chatschik, Goeckel, Dennis, Jiang, Bo, Kaplan, Lance, and Towsley, Don, Impact of In-Network Aggregation on Target Tracking Quality Under Network Delays; *J-SAC April 2013 808-818*
 Wei, Xuetao, Valler, Nicholas C., Prakash, B. Aditya, Neamtui, Iulian, Faloutsos, Michalis, and Faloutsos, Christos, Competing Memes Propagation on Networks: A Network Science Perspective; *J-SAC June 2013 1049-1060*
 Wen, Chao-Kai, *see* Zhang, Jun, *J-SAC February 2013 133-148*
 Wen, Ke, Cai, Xinran, Yin, Yawei, Geisler, David J., Proietti, Roberto, Scott, Ryan P., Fontaine, Nicolas K., and Yoo, S. J. B., Adaptive Spectrum Control and Management in Elastic Optical Networks; *J-SAC January 2013 39-48*
 Wen, Miaowen, *see* Cheng, Xiang, *J-SAC September 2013 434-448*
 Wen, Yonggang, *see* Lu, Zongqing, *J-SAC April 2013 743-755*
 White, Robert G., *see* Wu, Xinzhou, *J-SAC September 2013 399-408*
 Wilcox, D., Tsakalaki, E., Kortun, A., Ratnarajah, T., Papadias, C. B., and Selathurai, M., On Spatial Domain Cognitive Radio Using Single-Radio Parasitic Antenna Arrays; *J-SAC March 2013 571-580*
 Wilhelm, Matthias, Martinovic, Ivan, and Schmitt, Jens B., Secure Key Generation in Sensor Networks Based on Frequency-Selective Channels; *J-SAC September 2013 1779-1790*
 Win, Moe Z., *see* Shen, Yuan, *J-SAC September 2013 1875-1888*
 Win, Moe Z., *see* Lee, Jemin, *J-SAC September 2013 1889-1900*
 Win, Moe Z., *see* Jeong, Youngmin, *J-SAC September 2013 418-433*
 Wong, Eric W. M., *see* Shen, Gangxiang, *J-SAC January 2013 1-3*
 Wong, Kai-Kit, *see* Zhou, Yiqing, *J-SAC October 2013 1977-1980*
 Wong, Kai-Kit, *see* Zhang, Jun, *J-SAC February 2013 133-148*
 Wong, Wai-Choong, *see* Chen, Qian, *J-SAC November 2013 2289-2300*
 Wu, Changxu, *see* Li, Xu, *J-SAC September 2013 513-522*
 Wu, Chih-Yao, Lan, Pang-Chang, Yeh, Ping-Cheng, Lee, Chia-Han, and Cheng, Chen-Mou, Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices; *J-SAC September 2013 1687-1700*
 Wu, Chuan, *see* Zhang, Linqun, *J-SAC December 2013 2710-2721*
 Wu, Xiaobin, *see* Guo, Caili, *J-SAC March 2013 379-393*
 Wu, Xiaofu, Zhao, Chunming, and You, Xiaohu, Joint LDPC and Physical-Layer Network Coding for Asynchronous Bi-Directional Relaying; *J-SAC August 2013 1446-1454*
 Wu, Xinzhou, Subramanian, Sundar, Guha, Ratul, White, Robert G., Li, Junyi, Lu, Kevin W., Bucceri, Anthony, and Zhang, Tao, Vehicular Communications Using DSRC: Challenges, Enhancements, and Evolution; *J-SAC September 2013 399-408*
 Wu, Yuan, *see* Qian, Li Ping, *J-SAC July 2013 1268-1280*
 Wu, Yunnan, *see* Chen, Xiangwen, *J-SAC September 2013 155-164*
 Wu, Zhenyu, Zhang, Yueping, Singh, Vishal, Jiang, Guofei, and Wang, Haining, Automating Cloud Network Optimization and Evolution; *J-SAC December 2013 2620-2631*

X

Xia, Xiang-Gen, *see* Zhou, Yiqing, *J-SAC October 2013 1977-1980*
 Xiang, Weidong, *see* Shan, Dan, *J-SAC September 2013 1817-1827*
 Xiao, Ming, *see* Du, Jinfeng, *J-SAC August 2013 1390-1401*
 Xiao, Shihan, *see* Cui, Yong, *J-SAC December 2013 2658-2672*
 Xie, Jianwei, and Ulukus, Sennur, Sum Secure Degrees of Freedom of Two-Unicast Layered Wireless Networks; *J-SAC September 2013 1931-1943*
 Xin, Yan, *see* Tan, Kefeng, *J-SAC November 2013 2504-2516*
 Xing, Dongsheng, *see* Lin, Huang, *J-SAC September 2013 279-290*
 Xing, Kai, *see* Li, Wei, *J-SAC November 2013 2483-2493*

+ Check author entry for coauthors

Xing, Min, *see* Chang, Le, *J-SAC September 2013 227-236*
 Xiong, Yongqiang, *see* Cao, Jiaxin, *J-SAC December 2013 2632-2645*
 Xu, Chen, Song, Lingyang, Han, Zhu, Zhao, Qun, Wang, Xiaoli, Cheng, Xiang, and Jiao, Bingli, Efficiency Resource Allocation for Device-to-Device Underlay Communication Systems: A Reverse Iterative Combinatorial Auction Based Approach; *J-SAC September 2013 348-358*
 Xu, Chongbin, Ping, Li, Wang, Peng, Chan, Sammy, and Lin, Xiaokang, Decentralized Power Control for Random Access with Successive Interference Cancellation; *J-SAC November 2013 2387-2396*
 Xu, Fangmin, *see* Tao, Xiaofeng, *J-SAC May 2013 861-869*
 Xu, Jielong, Kwiat, Jian Tang Kevin, Zhang, Weiyl, and Xue, Guoliang, Enhancing Survivability in Virtualized Data Centers: A Service-Aware Approach; *J-SAC December 2013 2610-2619*
 Xu, Jing, *see* Chen, Huaxia, *J-SAC May 2013 959-968*
 Xu, Ke, *see* Wang, Haiyang, *J-SAC September 2013 66-74*
 Xu, Yingyue, *see* Tao, Xiaofeng, *J-SAC May 2013 861-869*
 Xu, Zhengyuan, *see* Dai, Linglong, *J-SAC January 2013 62-74*
 Xu, Zi, *see* Hong, Mingyi, *J-SAC October 2013 2013-2027*
 Xue, Dongyue, and Kcici, Eylem, Cross-Layer Scheduling for Cooperative Multi-Hop Cognitive Radio Networks; *J-SAC March 2013 534-543*
 Xue, Guoliang, *see* Xu, Jielong, *J-SAC December 2013 2610-2619*

Y

Yagan, Osman, Qian, Dajun, Zhang, Junshan, and Cochran, Douglas, Conjoining Speeds up Information Diffusion in Overlaying Social-Physical Networks; *J-SAC June 2013 1038-1048*
 Yagan, Osman, *see* Makowski, Armand M., *J-SAC September 2013 573-583*
 Yan, Guanhua, *see* Zhang, Rui, *J-SAC September 2013 656-668*
 Yan, Yang, Huang, Jianwei, and Wang, Jing, Dynamic Bargaining for Relay-Based Cooperative Spectrum Sharing; *J-SAC August 2013 1480-1493*
 Yang, Guanghua, *see* Chen, Haihua, *J-SAC October 2013 1994-2003*
 Yang, Hong, and Marzetta, Thomas L., Performance of Conjugate and Zero-Forcing Beamforming in Large-Scale Antenna Systems; *J-SAC February 2013 172-179*
 Yang, Jie, Yuan, Lun, Dong, Chao, Cheng, Gang, Ansari, Nirwan, and Kato, Nei, On Characterizing Peer-to-Peer Streaming Traffic; *J-SAC September 2013 175-188*
 Yang, Laurence T., *see* Luo, Changqing, *J-SAC November 2013 2442-2452*
 Yang, Lie-Liang, *see* Zhou, Yiqing, *J-SAC October 2013 1977-1980*
 Yang, Shusen, Adeel, Usman, and McCann, Julie A., Selfish Mules: Social Profit Maximization in Sparse Sensornets using Rationally-Selfish Human Relays; *J-SAC June 2013 1124-1134*
 Yang, Wei, Durisi, Giuseppe, and Riegler, Erwin, On the Capacity of Large-MIMO Block-Fading Channels; *J-SAC February 2013 117-132*
 Yang, Y. Richard, *see* Sun, Yi, *J-SAC September 2013 379-390*
 Yang, Yang, Scutari, Gesualdo, Song, Peiran, and Palomar, Daniel P., Robust MIMO Cognitive Radio Systems Under Interference Temperature Constraints; *J-SAC November 2013 2465-2482*
 Yang, Yang, You, Xiaohu, Juntti, Markku, Wang, Cheng-Xiang, Leib, Harry, and Ding, Zhi, Guest Editorial Spectrum and Energy Efficient Design of Wireless Communication Networks: Part I; *J-SAC May 2013 825-828*
 Yang, Zhixing, *see* Dai, Linglong, *J-SAC February 2013 251-263*
 Yang, Zhixing, *see* Dai, Linglong, *J-SAC September 2013 460-469*
 Yao, Qi, *see* Cheng, Xiang, *J-SAC September 2013 434-448*
 Yates, Jennifer, *see* Shen, Gangxiang, *J-SAC January 2013 1-3*
 Ye, Lin, *see* Zhang, Hongli, *J-SAC September 2013 105-114*
 Yeh, Edmund, *see* Golmie, Nada, *J-SAC July 2013 1169-1171*
 Yeh, Ping-Cheng, *see* Wu, Chih-Yao, *J-SAC September 2013 1687-1700*
 Yin, Haifan, Gesbert, David, Filippou, Miltiades, and Liu, Yingzhuang, A Coordinated Approach to Channel Estimation in Large-Scale Multiple-Antenna Systems; *J-SAC February 2013 264-273*
 Yin, Wenshan, Ren, Pinyi, Li, Fan, and Du, Qinghe, Joint Sensing and Transmission for AF Relay Assisted PU Transmission in Cognitive Radio Networks; *J-SAC November 2013 2249-2261*
 Yin, Yawei, *see* Wen, Ke, *J-SAC January 2013 39-48*
 Ylitalo, Riika, *see* Sukuvaara, Timo, *J-SAC September 2013 409-417*
 Yoneki, E., *see* Basu, P., *J-SAC June 2013 993-996*
 Yoo, S. J. B., *see* Wen, Ke, *J-SAC January 2013 39-48*
 You, Xiaohu, *see* Yang, Yang, *J-SAC May 2013 825-828*
 You, Xiaohu, *see* Wang, Dongming, *J-SAC October 2013 2112-2127*
 You, Xiaohu, *see* He, Chunlong, *J-SAC May 2013 894-902*
 You, Xiaohu, *see* Wu, Xiaofu, *J-SAC August 2013 1446-1454*

- Yu, F. Richard**, see Luo, Changqing, *J-SAC November 2013 2442-2452*
- Yu, Qi-Yue**, Meng, Wei-Xiao, and Lin, Shu, Packet Loss Recovery Scheme with Uniquely-Decodable Codes for Streaming Multimedia over P2P Networks; *J-SAC September 2013 142-154*
- Yu, Shucheng**, see Shi, Lu, *J-SAC September 2013 1803-1816*
- Yu, Wei**, see Khoshnevis, Behrouz, *J-SAC October 2013 2028-2042*
- Yu, Wei**, see Zhou, Lei, *J-SAC October 2013 1981-1993*
- Yuan, J.**, see Azmi, M.H., *J-SAC Aug. 2013 1402-1413*
- Yuan, Jiawei**, see Shi, Lu, *J-SAC September 2013 1803-1816*
- Yuan, Jinhong**, see Geraci, Giovanni, *J-SAC September 2013 1660-1671*
- Yuan, Lun**, see Yang, Jie, *J-SAC September 2013 175-188*
- Yuan, Xiaojun**, see Zhang, Jianwen, *J-SAC February 2013 241-250*
- Yuan, Xiaojun**, see Wang, Fanggang, *J-SAC October 2013 2082-2098*
- Yuan, Zhou**, Song, Ju Bin, and Han, Zhu, Interference Aware Routing Using Network Formation Game in Cognitive Radio Mesh Networks; *J-SAC November 2013 2494-2503*
- Yue, Hao**, Pan, Miao, Fang, Yuguang, and Glisic, Savo, Spectrum and Energy Efficient Relay Station Placement in Cognitive Radio Networks; *J-SAC May 2013 883-893*
- Z**
- Zaidi, Syed Ali Raza**, Ghogho, Mounir, McLernon, Des C., and Swami, Ananthram, Achievable Spatial Throughput in Multi-Antenna Cognitive Underlay Networks with Multi-Hop Relaying; *J-SAC August 2013 1543-1558*
- Zakhour, Randa**, and Hanly, Stephen V., Min-Max Power Allocation in Cellular Networks With Coordinated Beamforming; *J-SAC February 2013 287-302*
- Zamora-Izquierdo, Miguel A.**, see Jara, Antonio J., *J-SAC September 2013 47-65*
- Zehavi, Ephraim**, see Cohen, Kobi, *J-SAC November 2013 2276-2288*
- Zemen, T.**, see Castiglione, P., *J-SAC August 2013 1559-1571*
- Zeng, Kai**, see Shan, Dan, *J-SAC September 2013 1817-1827*
- Zeng, Yonghong**, Liang, Ying-Chang, and Pham, The-Hanh, Spectrum Sensing for OFDM Signals Using Pilot Induced Auto-Correlations; *J-SAC March 2013 353-363*
- Zeng, Zhimin**, see Guo, Caili, *J-SAC March 2013 379-393*
- Zhan, Jiening**, Park, Se Yong, Gastpar, Michael, and Sahai, Anant, Linear Function Computation in Networks: Duality and Constant Gap Results; *J-SAC April 2013 620-638*
- Zhang, Baoxian**, see Chen, Yishuai, *J-SAC September 2013 189-199*
- Zhang, Caoxie**, and Shin, Kang G., What Should Secondary Users Do Upon Incumbents' Return?; *J-SAC March 2013 417-428*
- Zhang, Chao**, see Dai, Linglong, *J-SAC January 2013 62-74*
- Zhang, Chi**, see Lin, Huang, *J-SAC September 2013 279-290*
- Zhang, Chi**, see Zhang, Rui, *J-SAC September 2013 268-278*
- Zhang, Hailin**, see Cheng, Wenchi, *J-SAC October 2013 2043-2057*
- Zhang, Hailin**, see Cheng, Wenchi, *J-SAC May 2013 903-915*
- Zhang, Haotian**, see LeBlanc, Heath J., *J-SAC April 2013 766-781*
- Zhang, Hongli**, Ye, Lin, Shi, Jiantao, Du, Xiaojiang, and Chen, Hsiao-Hwa, Preventing Piracy Content Propagation in Peer-to-Peer Networks; *J-SAC September 2013 105-114*
- Zhang, Hongli**, see Su, Majing, *J-SAC September 2013 338-347*
- Zhang, Huazi**, Zhang, Zhaoyang, and Dai, Huaiyu, On the Capacity Region of Cognitive Multiple Access over White Space Channels; *J-SAC November 2013 2517-2527*
- Zhang, Jianwen**, Yuan, Xiaojun, and Ping, Li, Hermitian Precoding for Distributed MIMO Systems with Individual Channel State Information; *J-SAC February 2013 241-250*
- Zhang, Jinxue**, see Zhang, Rui, *J-SAC September 2013 656-668*
- Zhang, Jun**, Wen, Chao-Kai, Jin, Shi, Gao, Xiqi, and Wong, Kai-Kit, On Capacity of Large-Scale MIMO Multiple Access Channels with Distributed Sets of Correlated Antennas; *J-SAC February 2013 133-148*
- Zhang, Junshan**, see Feng, Wei, *J-SAC October 2013 2067-2081*
- Zhang, Junshan**, see Wang, Shanshan, *J-SAC March 2013 394-405*
- Zhang, Junshan**, see Yagan, Osman, *J-SAC June 2013 1038-1048*
- Zhang, Kuan**, see Liang, Xiaohui, *J-SAC September 2013 641-655*
- Zhang, Linquan**, Wu, Chuan, Li, Zongpeng, Guo, Chuanxiang, Chen, Minghua, and Lau, Francis C.M., Moving Big Data to The Cloud: An Online Cost-Minimizing Approach; *J-SAC December 2013 2710-2721*
- Zhang, Nan**, see Hu, Chunqiang, *J-SAC September 2013 37-46*
- Zhang, Ning**, Lu, Ning, Cheng, Nan, Mark, Jon W., and Shen, Xuemin Sherman, Cooperative Spectrum Access Towards Secure Information Transfer for CRNs; *J-SAC November 2013 2453-2464*
- Zhang, Q. T.**, see Rui, Yun, *J-SAC May 2013 926-936*
- Zhang, Q. T.**, see Zhou, Qing F., *J-SAC October 2013 2141-2153*
- Zhang, Qian**, see Cheng, Chi, *J-SAC September 2013 291-298*
- Zhang, Qinyu**, see Cao, Bin, *J-SAC November 2013 2362-2373*
- Zhang, Rui**, see Huang, Chuan, *J-SAC August 2013 1469-1479*
- Zhang, Rui**, Shi, Jing, Zhang, Yanchao, and Zhang, Chi, Verifiable Privacy-Preserving Aggregation in People-Centric Urban Sensing Systems; *J-SAC September 2013 268-278*
- Zhang, Rui**, Zhang, Jinxue, Zhang, Yanchao, Sun, Jinyuan, and Yan, Guanhua, Privacy-Preserving Profile Matching for Proximity-Based Mobile Social Networking; *J-SAC September 2013 656-668*
- Zhang, Shengli**, Liew, Soung-Chang, and Wang, Hui, Blind Known Interference Cancellation; *J-SAC August 2013 1572-1582*
- Zhang, Shuqiang**, Martel, Charles, and Mukherjee, Biswanath, Dynamic Traffic Grooming in Elastic Optical Networks; *J-SAC January 2013 4-12*
- Zhang, Tao**, see Wu, Xinzhou, *J-SAC September 2013 399-408*
- Zhang, Weiyi**, see Xu, Jielong, *J-SAC December 2013 2610-2619*
- Zhang, Xi**, see Cheng, Wenchi, *J-SAC October 2013 2043-2057*
- Zhang, Xi**, see Cheng, Wenchi, *J-SAC May 2013 903-915*
- Zhang, Xianda**, see Chen, Zhong, *J-SAC November 2013 2409-2419*
- Zhang, Xiaobing**, see Sun, Yi, *J-SAC September 2013 379-390*
- Zhang, Yanchao**, see Zhang, Rui, *J-SAC September 2013 268-278*
- Zhang, Yanchao**, see Zhang, Rui, *J-SAC September 2013 656-668*
- Zhang, Ying Jun Angela**, see Qian, Li Ping, *J-SAC July 2013 1268-1280*
- Zhang, Ying Jun Angela**, see Fu, Liquan, *J-SAC November 2013 2420-2431*
- Zhang, Ying Jun Angela**, see So, Anthony Man-Cho, *J-SAC May 2013 947-958*
- Zhang, Yongguang**, see Cao, Jiaxin, *J-SAC December 2013 2632-2645*
- Zhang, Yu**, and van der Schaar, Mihaela, Strategic Networks: Information Dissemination and Link Formation Among Self-Interested Agents; *J-SAC June 2013 1115-1123*
- Zhang, Yu**, and Schaar, Mihaela van der, Incentive Provision and Job Allocation in Social Cloud Systems; *J-SAC September 2013 607-617*
- Zhang, Yueping**, see Wu, Zhenyu, *J-SAC December 2013 2620-2631*
- Zhang, Zhaoyang**, see Zhang, Huazi, *J-SAC November 2013 2517-2527*
- Zhang, Zhou**, Jiang, Hai, Tan, Peng, and Slevinsky, Jim, Channel Exploration and Exploitation with Imperfect Spectrum Sensing in Cognitive Radio Networks; *J-SAC March 2013 429-441*
- Zhao, Chunming**, see Wu, Xiaofu, *J-SAC August 2013 1446-1454*
- Zhao, Qing**, see Li, Lin, *J-SAC June 2013 1072-1083*
- Zhao, Qun**, see Xu, Chen, *J-SAC September 2013 348-358*
- Zhao, Yao**, see Chen, Xiangwen, *J-SAC September 2013 155-164*
- Zheng, Liang**, Tan, Chee Wei, and it, Cognitive Radio Network Duality and Algorithms for Utility Maximization; *J-SAC March 2013 500-513*
- Zheng, Rong**, see Nguyen, Huy, *J-SAC June 2013 1084-1094*
- Zheng, Yixin**, see Cao, Jiaxin, *J-SAC December 2013 2632-2645*
- Zhong, Caijun**, see Matthaiou, Michail, *J-SAC February 2013 180-191*
- Zhou, Hang**, Berry, Randall, Honig, Michael L., and Vohra, Rakesh, Complexity of Allocation Problems in Spectrum Markets with Interference Complementarities; *J-SAC March 2013 489-499*
- Zhou, Huan**, Chen, Jiming, Fan, Jialu, Du, Yuan, and Das, Sajal K., ConSub: Incentive-Based Content Subscribing in Selfish Opportunistic Mobile Networks; *J-SAC September 2013 669-679*
- Zhou, Jiazhen**, Hu, Rose Qingyang, and Qian, Yi, A Scalable Vehicular Network Architecture for Traffic Information Sharing; *J-SAC September 2013 85-93*
- Zhou, Lei**, and Yu, Wei, Uplink Multicell Processing with Limited Backhaul via Per-Base-Station Successive Interference Cancellation; *J-SAC October 2013 1981-1993*
- Zhou, Liang**, see Silva, Bruno M. C., *J-SAC September 2013 28-36*
- Zhou, Liang**, Hu, Rose Qingyang, Qian, Yi, and Chen, Hsiao-Hwa, Energy-Spectrum Efficiency Tradeoff for Video Streaming over Mobile Ad Hoc Networks; *J-SAC May 2013 981-991*
- Zhou, Qi**, and Ma, Xiaoli, Element-Based Lattice Reduction Algorithms for Large MIMO Detection; *J-SAC February 2013 274-286*
- Zhou, Qing F.**, Zhang, Q. T., and Lau, Francis C. M., Diophantine Approach to Blind Interference Alignment of Homogeneous K-User 2x1 MISO Broadcast Channels; *J-SAC October 2013 2141-2153*
- Zhou, Xiangwei**, Li, Geoffrey Ye, and Sun, Guolin, Multiuser Spectral Precoding for OFDM-Based Cognitive Radio Systems; *J-SAC March 2013 345-352*

- Zhou, Yiqing**, Adachi, Fumiyouki, Wong, Kai-Kit, Xia, Xiang-Gen, Toumpakaris, Dimitris, Steendam, Heidi, Zhu, Wei-Ping, and Yang, Lie-Liang, Guest Editorial: Virtual MIMO; *J-SAC October 2013 1977-1980*
- Zhou, Zhi-Hua**, see Wang, Shaowei, *J-SAC March 2013 464-475*
- Zhu, Huiling**, and Wang, Jiangzhou, Radio Resource Allocation in Multiuser Distributed Antenna Systems; *J-SAC October 2013 2058-2066*
- Zhu, Pengcheng**, see He, Chunlong, *J-SAC May 2013 894-902*
- Zhu, Ping**, see Wei, Guiyi, *J-SAC June 2013 1135-1146*
- Zhu, Ting**, see Mishra, Aditya, *J-SAC July 2013 1281-1293*
- Zhu, Wei-Ping**, see Zhou, Yiqing, *J-SAC October 2013 1977-1980*
- Zhu, Xiaoyan**, see Lin, Huang, *J-SAC September 2013 279-290*
- Zhu, Yibo**, see Cao, Jiabin, *J-SAC December 2013 2632-2645*
- Zhu, Yuefei**, Li, Baochun, and Li, Zongpeng, Designing Two-Dimensional Spectrum Auctions for Mobile Secondary Users; *J-SAC March 2013 604-613*
- Zhuang, Weihua**, see Gong, Shimin, *J-SAC November 2013 2397-2408*
- Zhuang, Weihua**, see Gunawardena, Subodha, *J-SAC March 2013 559-570*
- Zhuang, Weihua**, see Bharati, Sailesh, *J-SAC September 2013 470-479*
- Zlatanov, Nikola**, Schober, Robert, and Popovski, Petar, Buffer-Aided Relaying with Adaptive Link Selection; *J-SAC August 2013 1530-1542*
- Zomaya, Albert Y.**, see Almashor, Mahathir, *J-SAC September 2013 310-324*
- Zonouz, Saman**, see McLaughlin, Stephen, *J-SAC July 2013 1319-1330*
- Zorzi, Michele**, see Michelusi, Nicolo, *J-SAC November 2013 2374-2386*
- Zou, Yulong**, Wang, Xianbin, and Shen, Weiming, Optimal Relay Selection for Physical-Layer Security in Cooperative Wireless Networks; *J-SAC October 2013 2099-2111*

SUBJECT INDEX

A

Access protocols

- Achievable Spatial Throughput in Multi-Antenna Cognitive Underlay Networks with Multi-Hop Relaying. *Zaidi, Syed Ali Raza*, +, *J-SAC August 2013 1543-1558*
- Body Area Network Security: A Fuzzy Attribute-Based Signcryption Scheme. *Hu, Chunqiang*, +, *J-SAC September 2013 37-46*
- CAH-MAC: Cooperative ADHOC MAC for Vehicular Networks. *Bharati, Sailesh*, +, *J-SAC September 2013 470-479*
- Distributed Opportunistic Scheduling for Wireless Ad-Hoc Networks with Block-Fading Model. *Chen, Hua*, +, *J-SAC November 2013 2324-2337*
- Evaluating Opportunistic Multi-Channel MAC: Is Diversity Gain Worth the Pain?. *Liu, Yang*, +, *J-SAC November 2013 2301-2311*
- Game Theoretic Aspects of the Multi-Channel ALOHA Protocol in Cognitive Radio Networks. *Cohen, Kobi*, +, *J-SAC November 2013 2276-2288*
- Joint Sensing and Transmission for AF Relay Assisted PU Transmission in Cognitive Radio Networks. *Yin, Wenshan*, +, *J-SAC November 2013 2249-2261*
- Low Delay MAC Scheduling for Frequency-Agile Multi-Radio Wireless Networks. *Chatterjee, Avhishek*, +, *J-SAC November 2013 2262-2275*
- RECOG: A Sensing-Based Cognitive Radio System with Real-Time Application Support. *Tan, Kefeng*, +, *J-SAC November 2013 2504-2516*
- Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior. *Jiang, C.*, +, *J-SAC March 2013 406-416*
- Secure Cooperative Data Downloading in Vehicular Ad Hoc Networks. *Hao, Yong*, +, *J-SAC September 2013 523-537*
- Wireless Network Coding via Modified 802.11 MAC/PHY: Design and Implementation on SDR. *Firooz, Mohammad H.*, +, *J-SAC August 2013 1618-1628*

Ad hoc networks

- A Novel Cooperation Strategy for Mobile Health Applications. *Silva, Bruno M. C.*, +, *J-SAC September 2013 28-36*
- Distributed Opportunistic Scheduling for Wireless Ad-Hoc Networks with Block-Fading Model. *Chen, Hua*, +, *J-SAC November 2013 2324-2337*
- Self-Adaptive Context Data Distribution with Quality Guarantees in Mobile P2P Networks. *Fanelli, Mario*, +, *J-SAC September 2013 115-131*
- Spatial Degrees of Freedom of Large Distributed MIMO Systems and Wireless Ad Hoc Networks. *Ozgur, Ayfer*, +, *J-SAC February 2013 202-214*
- Stable Throughput in a Cognitive Wireless Network. *Fanous, Anthony*, +, *J-SAC March 2013 523-533*

Adaptive antenna arrays

- A Novel AWSF Algorithm for DOA Estimation in Virtual MIMO Systems. *Chen, Haihua*, +, *J-SAC October 2013 1994-2003*

Adaptive control

- Adaptive Spectrum Control and Management in Elastic Optical Networks. *Wen, Ke*, +, *J-SAC January 2013 39-48*

Adaptive estimation

- Robust Decentralized State Estimation and Tracking for Power Systems via Network Gossiping. *Li, Xiao*, +, *J-SAC July 2013 1184-1194*

Adaptive signal detection

- On Spatial Domain Cognitive Radio Using Single-Radio Parasitic Antenna Arrays. *Wilcox, D.*, +, *J-SAC March 2013 571-580*

Aggregates

- Scalable Multi-Class Traffic Management in Data Center Backbone Networks. *Ghosh, Amitabha*, +, *J-SAC December 2013 2673-2684*

Aircraft communication

- Utilizing Link Characterization for Improving the Performance of Aerial Wireless Sensor Networks. *Ahmed, Nadeem*, +, *J-SAC August 2013 1639-1649*

Algorithm design and analysis

- Automating Cloud Network Optimization and Evolution. *Wu, Zhenyu*, +, *J-SAC December 2013 2620-2631*
- Moving Big Data to The Cloud: An Online Cost-Minimizing Approach. *Zhang, Linqun*, +, *J-SAC December 2013 2710-2721*
- Opportunistic Routing in Intermittently Connected Mobile P2P Networks. *Wang, Shengling*, +, *J-SAC September 2013 369-378*

Amplify and forward communication

- Joint Sensing and Transmission for AF Relay Assisted PU Transmission in Cognitive Radio Networks. *Yin, Wenshan*, +, *J-SAC November 2013 2249-2261*
- On the Jamming Power Allocation for Secure Amplify-and-Forward Relaying via Cooperative Jamming. *Park, Ki-Hong*, +, *J-SAC September 2013 1741-1750*
- Optimal Relay Selection for Physical-Layer Security in Cooperative Wireless Networks. *Zou, Yulong*, +, *J-SAC October 2013 2099-2111*
- Relay Selection and Performance Analysis in Multiple-User Networks. *Atapattu, Saman*, +, *J-SAC August 2013 1517-1529*
- Wireless Multicast Relay Networks with Limited-Rate Source-Conferencing. *Du, Jinfeng*, +, *J-SAC August 2013 1390-1401*

- Amplitude modulation**
- PHY-CRAM: Physical Layer Challenge-Response Authentication Mechanism for Wireless Networks. *Shan, Dan*, +, *J-SAC September 2013 1817-1827*

Analytical models

- LSR: Mitigating Zero-Day Sybil Vulnerability in Privacy-Preserving Vehicular Peer-to-Peer Networks. *Lin, Xiaodong*, +, *J-SAC September 2013 237-246*

Antenna arrays

- A Coordinated Approach to Channel Estimation in Large-Scale Multiple-Antenna Systems. *Yin, Haifan*, +, *J-SAC February 2013 264-273*
- Achievable Spatial Throughput in Multi-Antenna Cognitive Underlay Networks with Multi-Hop Relaying. *Zaidi, Syed Ali Raza*, +, *J-SAC August 2013 1543-1558*
- Beamforming via Large and Dense Antenna Arrays Above a Clutter. *Alrabadi, Osama N.*, +, *J-SAC February 2013 314-325*
- Diversity Limits of Compact Broadband Multi-Antenna Systems. *Taluja, Pawandeep S.*, +, *J-SAC February 2013 326-337*
- Energy- and Spectral-Efficiency Tradeoff for Distributed Antenna Systems with Proportional Fairness. *He, Chunlong*, +, *J-SAC May 2013 894-902*
- Hermitian Precoding for Distributed MIMO Systems with Individual Channel State Information. *Zhang, Jianwen*, +, *J-SAC February 2013 241-250*
- Information Leakage Neutralization for the Multi-Antenna Non-Regenerative Relay-Assisted Multi-Carrier Interference Channel. *Ho, Zuleita*, +, *J-SAC September 2013 1672-1686*
- Joint User Grouping and Linear Virtual Beamforming: Complexity, Algorithms and Approximation Bounds. *Hong, Mingyi*, +, *J-SAC October 2013 2013-2027*
- Lightweight User Grouping with Flexible Degrees of Freedom in Virtual MIMO. *Karimi, Ouldooz Baghban*, +, *J-SAC October 2013 2004-2012*
- Massive MIMO in the UL/DL of Cellular Networks: How Many Antennas Do We Need?. *Hoydis, Jakob*, +, *J-SAC February 2013 160-171*
- Min-Max Power Allocation in Cellular Networks With Coordinated Beamforming. *Zakhour, Randa*, +, *J-SAC February 2013 287-302*

Multiple Antenna Cyclostationary Spectrum Sensing Based on the Cyclic Correlation Significance Test. *Urriza, Paulo*, +, *J-SAC November 2013 2185-2195*

On Capacity of Large-Scale MIMO Multiple Access Channels with Distributed Sets of Correlated Antennas. *Zhang, Jun*, +, *J-SAC February 2013 133-148*

On Spatial Domain Cognitive Radio Using Single-Radio Parasitic Antenna Arrays. *Wilcox, D.*, +, *J-SAC March 2013 571-580*

On the Capacity of Large-MIMO Block-Fading Channels. *Yang, Wei*, +, *J-SAC February 2013 117-132*

Performance of Conjugate and Zero-Forcing Beamforming in Large-Scale Antenna Systems. *Yang, Hong*, +, *J-SAC February 2013 172-179*

Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N.*, +, *J-SAC May 2013 916-925*

Radio Resource Allocation in Multiuser Distributed Antenna Systems. *Zhu, Huiling*, +, *J-SAC October 2013 2058-2066*

Reliability-Rate Tradeoff in Large-Scale Multiple Access Relay Networks. *Kim, Sang Wu*, +, *J-SAC August 2013 1414-1422*

Spatial Degrees of Freedom of Large Distributed MIMO Systems and Wireless Ad Hoc Networks. *Ozgur, Ayfer*, +, *J-SAC February 2013 202-214*

Spectral Efficiency of Distributed MIMO Systems. *Wang, Dongming*, +, *J-SAC October 2013 2112-2127*

Antenna radiation patterns

Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N.*, +, *J-SAC May 2013 916-925*

Antennas

Bidirectional Cellular Relay Network with Distributed Relaying. *Wang, Fanggang*, +, *J-SAC October 2013 2082-2098*

Exploiting Orthogonally Dual-Polarized Antennas in Cooperative Cognitive Radio Networking. *Cao, Bin*, +, *J-SAC November 2013 2362-2373*

Inter-Cell Interference in Noncooperative TDD Large Scale Antenna Systems. *Fernandes, Fabio*, +, *J-SAC February 2013 192-201*

Sum Rate Analysis of ZF Receivers in Distributed MIMO Systems. *Matthaiou, Michail*, +, *J-SAC February 2013 180-191*

Two-Stage Channel Quantization for Scheduling and Beamforming in Network MIMO Systems: Feedback Design and Scaling Laws. *Khoshnevis, Behrouz*, +, *J-SAC October 2013 2028-2042*

Utilizing Link Characterization for Improving the Performance of Aerial Wireless Sensor Networks. *Ahmed, Nadeem*, +, *J-SAC August 2013 1639-1649*

Virtual MIMO in Multi-Cell Distributed Antenna Systems: Coordinated Transmissions with Large-Scale CSIT. *Feng, Wei*, +, *J-SAC October 2013 2067-2081*

Approximation theory

Community Detection in Scale-Free Networks: Approximation Algorithms for Maximizing Modularity. *Dinh, Thang N.*, +, *J-SAC June 2013 997-1006*

Joint User Grouping and Linear Virtual Beamforming: Complexity, Algorithms and Approximation Bounds. *Hong, Mingyi*, +, *J-SAC October 2013 2013-2027*

Large System Analysis of Linear Precoding in MISO Broadcast Channels with Confidential Messages. *Geraci, Giovanni*, +, *J-SAC September 2013 1660-1671*

Multi-Session Function Computation and Multicasting in Undirected Graphs. *Kannan, Sreeram*, +, *J-SAC April 2013 702-713*

On Budgeted Influence Maximization in Social Networks. *Nguyen, Huy*, +, *J-SAC June 2013 1084-1094*

Spectrum Sensing for OFDM Signals Using Pilot Induced Auto-Correlations. *Zeng, Yonghong*, +, *J-SAC March 2013 353-363*

Traffic-Aware Channel Sensing Order in Dynamic Spectrum Access Networks. *Liu, Chun-Hao*, +, *J-SAC November 2013 2312-2323*

Virtual MIMO in Multi-Cell Distributed Antenna Systems: Coordinated Transmissions with Large-Scale CSIT. *Feng, Wei*, +, *J-SAC October 2013 2067-2081*

Area measurement

A Measurement Study on the Topologies of BitTorrent Networks. *Su, Majing*, +, *J-SAC September 2013 338-347*

Array signal processing

A Coordinated Approach to Channel Estimation in Large-Scale Multiple-Antenna Systems. *Yin, Haifan*, +, *J-SAC February 2013 264-273*

Beamforming via Large and Dense Antenna Arrays Above a Clutter. *Alrabadi, Osama N.*, +, *J-SAC February 2013 314-325*

Cooperative Spectrum Access Towards Secure Information Transfer for CRNs. *Zhang, Ning*, +, *J-SAC November 2013 2453-2464*

Erratum [to "On Secrecy Rate of the Generalized Artificial-Noise Assisted Secure Beamforming for Wiretap Channels" (Pin-Hsun Lin et al.; Sep 13)]. *J-SAC October 2013 2154*

Joint Base Station Clustering and Beamformer Design for Partial Coordinated Transmission in Heterogeneous Networks. *Hong, Mingyi*, +, *J-SAC February 2013 226-240*

Joint User Grouping and Linear Virtual Beamforming: Complexity, Algorithms and Approximation Bounds. *Hong, Mingyi*, +, *J-SAC October 2013 2013-2027*

Massive MIMO in the UL/DL of Cellular Networks: How Many Antennas Do We Need?. *Hoydis, Jakob*, +, *J-SAC February 2013 160-171*

Min-Max Power Allocation in Cellular Networks With Coordinated Beamforming. *Zakhour, Randa*, +, *J-SAC February 2013 287-302*

On Secrecy Rate of the Generalized Artificial-Noise Assisted Secure Beamforming for Wiretap Channels. *Lin, Pin-Hsun*, +, *J-SAC September 2013 1728-1740*

On Spatial Domain Cognitive Radio Using Single-Radio Parasitic Antenna Arrays. *Wilcox, D.*, +, *J-SAC March 2013 571-580*

Performance of Conjugate and Zero-Forcing Beamforming in Large-Scale Antenna Systems. *Yang, Hong*, +, *J-SAC February 2013 172-179*

Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N.*, +, *J-SAC May 2013 916-925*

Two-Stage Channel Quantization for Scheduling and Beamforming in Network MIMO Systems: Feedback Design and Scaling Laws. *Khoshnevis, Behrouz*, +, *J-SAC October 2013 2028-2042*

Automated highways

A Scalable Vehicular Network Architecture for Traffic Information Sharing. *Zhou, Jiazhen*, +, *J-SAC September 2013 85-93*

Automatic meter reading

Distributed Privacy-Preserving Aggregation of Metering Data in Smart Grids. *Rottondi, Cristina*, +, *J-SAC July 2013 1342-1354*

Automatic repeat request

Cognitive Access Policies under a Primary ARQ Process via Forward-Backward Interference Cancellation. *Michelusi, Nicolo*, +, *J-SAC November 2013 2374-2386*

Availability

A Naming Scheme for P2P Web Hosting. *Bari, Md. Faizul*, +, *J-SAC September 2013 299-309*

IEEE 802.11p Based Vehicular Networking Operational Pilot Field Measurement. *Sukuvaara, Timo*, +, *J-SAC September 2013 409-417*

Performance Investigation on Request Collisions in Peer-To-Peer Live Streaming Systems: Problems and Algorithms. *Chen, Yishuai*, +, *J-SAC September 2013 189-199*

AWGN

Impulsive Noise Mitigation in Powerline Communications Using Sparse Bayesian Learning. *Lin, Jing*, +, *J-SAC July 2013 1172-1183*

Limits of Reliable Communication with Low Probability of Detection in AWGN Channels. *Bash, Boulat A.*, +, *J-SAC September 2013 1921-1930*

Multiple Antenna Cyclostationary Spectrum Sensing Based on the Cyclic Correlation Significance Test. *Urriza, Paulo*, +, *J-SAC November 2013 2185-2195*

Spectrum Sensing for Cognitive Radios Based on Directional Statistics of Polarization Vectors. *Guo, Caili*, +, *J-SAC March 2013 379-393*

B

Bandwidth

Adaptive Spectrum Control and Management in Elastic Optical Networks. *Wen, Ke*, +, *J-SAC January 2013 39-48*

Automatic and Autonomous Load Management in Peer-to-Peer Virtual Environments. *Almashor, Mahathir*, +, *J-SAC September 2013 310-324*

Datacast: A Scalable and Efficient Reliable Group Data Delivery Service for Data Centers. *Cao, Jiabin*, +, *J-SAC December 2013 2632-2645*

Evaluating Opportunistic Multi-Channel MAC: Is Diversity Gain Worth the Pain?. *Liu, Yang*, +, *J-SAC November 2013 2301-2311*

Optimal Rate Allocation for P2P Video Streaming. *Lima, Livio*, +, *J-SAC September 2013 200-213*

Performance Investigation on Request Collisions in Peer-To-Peer Live Streaming Systems: Problems and Algorithms. *Chen, Yishuai*, +, *J-SAC September 2013 189-199*

Providing Fast Channel Switching in P2P IPTV Systems. *Manzato, Daniel A. G.*, +, *J-SAC September 2013 326-337*

- THash: A Practical Network Optimization Scheme for DHT-based P2P Applications. *Sun, Yi, +, J-SAC September 2013 379-390*
- Base stations**
A Framework for Cooperative Resource Management in Mobile Cloud Computing. *Kaewpuang, Rakpong, +, J-SAC December 2013 2685-2700*
- Batteries**
A Novel Cooperation Strategy for Mobile Health Applications. *Silva, Bruno M. C., +, J-SAC September 2013 28-36*
- Battery chargers**
nPlug: An Autonomous Peak Load Controller. *Ganu, Tanuja, +, J-SAC July 2013 1205-1218*
- Battery powered vehicles**
Electric Power Allocation in a Network of Fast Charging Stations. *Bayram, I. Safak, +, J-SAC July 2013 1235-1246*
- Bayes methods**
Dynamic Bargaining for Relay-Based Cooperative Spectrum Sharing. *Yan, Yang, +, J-SAC August 2013 1480-1493*
Impulsive Noise Mitigation in Powerline Communications Using Sparse Bayesian Learning. *Lin, Jing, +, J-SAC July 2013 1172-1183*
Partner Selection in Indoor-to-Outdoor Cooperative Networks: An Experimental Study. *Castiglione, P., +, J-SAC August 2013 1559-1571*
Tractable Bayesian Social Learning on Trees. *Kanoria, Yashodhan, +, J-SAC April 2013 756-765*
- Belief networks**
On Budgeted Influence Maximization in Social Networks. *Nguyen, Huy, +, J-SAC June 2013 1084-1094*
The Role of Persistent Graphs in the Agreement Seeking of Social Networks. *Shi, Guodong, +, J-SAC September 2013 595-606*
Tractable Bayesian Social Learning on Trees. *Kanoria, Yashodhan, +, J-SAC April 2013 756-765*
- Big data**
Moving Big Data to The Cloud: An Online Cost-Minimizing Approach. *Zhang, Linquan, +, J-SAC December 2013 2710-2721*
- Biomedical monitoring**
Interconnection Framework for mHealth and Remote Monitoring Based on the Internet of Things. *Jara, Antonio J., +, J-SAC September 2013 47-65*
- Block codes**
Multi-Session Function Computation and Multicasting in Undirected Graphs. *Kannan, Sreeram, +, J-SAC April 2013 702-713*
Throughput of Cognitive Radio Systems with Finite Blocklength Codes. *Ozcan, Gozde, +, J-SAC November 2013 2541-2554*
- Body area networks**
BANA: Body Area Network Authentication Exploiting Channel Characteristics. *Shi, Lu, +, J-SAC September 2013 1803-1816*
- Boolean functions**
Optimal Computation of Symmetric Boolean Functions in Collocated Networks. *Kowshik, Hemant, +, J-SAC April 2013 639-654*
- Broadband networks**
Secrecy Capacity per Unit Cost. *El-Halabi, Mustafa, +, J-SAC September 2013 1909-1920*
Wideband Channel Modeling and Intercarrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems. *Cheng, Xiang, +, J-SAC September 2013 434-448*
- Broadcast channels**
Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*
Key Agreement over a Generalized Multiple Access Channel Using Noiseless and Noisy Feedback. *Salimi, Somayeh, +, J-SAC September 2013 1765-1778*
Large System Analysis of Sum Capacity in the Gaussian MIMO Broadcast Channel. *Guthy, Christian, +, J-SAC February 2013 149-159*
On the Optimality of Linear Precoding for Secrecy in the MIMO Broadcast Channel. *Fakoorian, S. Ali. A., +, J-SAC September 2013 1701-1713*
On the Resilience of Wireless Multiuser Networks to Passive and Active Eavesdroppers. *Chorti, Arsenia, +, J-SAC September 2013 1850-1863*
Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias, +, J-SAC September 2013 1901-1908*
- Broadcast communication**
Persistent Localized Broadcasting in VANETs. *Fiore, Marco, +, J-SAC September 2013 480-490*
Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias, +, J-SAC September 2013 1901-1908*
- Broadcasting**
Datacast: A Scalable and Efficient Reliable Group Data Delivery Service for Data Centers. *Cao, Jiaxin, +, J-SAC December 2013 2632-2645*
- Brownian motion**
Impact of In-Network Aggregation on Target Tracking Quality Under Network Delays. *Wei, Wei, +, J-SAC April 2013 808-818*
- Buffer circuits**
Buffer-Aided Relaying with Adaptive Link Selection. *Zlatanov, Nikola, +, J-SAC August 2013 1530-1542*
- Building management systems**
GreenCharge: Managing Renewable Energy in Smart Buildings. *Mishra, Aditya, +, J-SAC July 2013 1281-1293*

C

Carrier sense multiple accessMAC Protocol Design and Performance Analysis for Random Access Cognitive Radio Networks. *Chen, Qian, +, J-SAC November 2013 2289-2300***Carrier transmission on power lines**Impulsive Noise Mitigation in Powerline Communications Using Sparse Bayesian Learning. *Lin, Jing, +, J-SAC July 2013 1172-1183***Cellular arrays**Cognitive Orthogonal Precoder for Two-Tiered Networks Deployment. *Maso, Marco, +, J-SAC November 2013 2338-2348***Cellular radio**A Generic Mathematical Model Based on Fuzzy Set Theory for Frequency Reuse in Cellular Networks. *Tao, Xiaofeng, +, J-SAC May 2013 861-869*
A New Adaptive Small-Cell Architecture. *Ni, Wei, +, J-SAC May 2013 829-839*Bidirectional Cellular Relay Network with Distributed Relaying. *Wang, Fanggang, +, J-SAC October 2013 2082-2098*Complexity of Spectrum Activity and Benefits of Reinforcement Learning for Dynamic Channel Selection. *Macaluso, Irene, +, J-SAC November 2013 2237-2248*Downlink Throughput Enhancement of a Cellular Network using Two-Hop User-Deployable Indoor Relays. *Devar, Sendilramkumar, +, J-SAC August 2013 1607-1617*Dynamic Cell Expansion with Self-Organizing Cooperation. *Guo, Weisi, +, J-SAC May 2013 851-860*Energy Efficient Heterogeneous Cellular Networks. *Soh, Yong Sheng, +, J-SAC May 2013 840-850*Energy-Efficient Coordinated Scheduling Mechanism for Cellular Communication Systems with Multiple Component Carriers. *Chen, Huaxia, +, J-SAC May 2013 959-968*Energy-Efficient Relaying over Multiple Slots with Causal CSI. *Ho, Chin Keong, +, J-SAC August 2013 1494-1505*Energy-Spectral Efficiency Trade-Off in Virtual MIMO Cellular Systems. *Hong, Xuemin, +, J-SAC October 2013 2128-2140*Integrated Multi-Network Modeling Environment for Spectrum Management. *Beckman, Richard, +, J-SAC June 2013 1158-1168*Inter-Cell Interference in Noncooperative TDD Large Scale Antenna Systems. *Fernandes, Fabio, +, J-SAC February 2013 192-201*Joint Base Station Clustering and Beamformer Design for Partial Coordinated Transmission in Heterogeneous Networks. *Hong, Mingyi, +, J-SAC February 2013 226-240*Massive MIMO in the UL/DL of Cellular Networks: How Many Antennas Do We Need?. *Hoydis, Jakob, +, J-SAC February 2013 160-171*Min-Max Power Allocation in Cellular Networks With Coordinated Beamforming. *Zakhour, Randa, +, J-SAC February 2013 287-302*Multiuser Resource Allocation Optimization Using Bandwidth-Power Product in Cognitive Radio Networks. *Tachwali, Yahia, +, J-SAC March 2013 451-463*Relay Deployment in Cellular Networks: Planning and Optimization. *Guo, Weisi, +, J-SAC August 2013 1597-1606*Spectral Efficiency of Distributed MIMO Systems. *Wang, Dongming, +, J-SAC October 2013 2112-2127*Sum Rate Analysis of ZF Receivers in Distributed MIMO Systems. *Matthaiou, Michail, +, J-SAC February 2013 180-191*Uplink Multicell Processing with Limited Backhaul via Per-Base-Station Successive Interference Cancellation. *Zhou, Lei, +, J-SAC October 2013 1981-1993*

Channel allocation

- Adaptive Spectrum Control and Management in Elastic Optical Networks. *Wen, Ke, +, J-SAC January 2013 39-48*
- Database-Assisted Distributed Spectrum Sharing. *Chen, Xu, +, J-SAC November 2013 2349-2361*
- Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks. *Gong, Shimin, +, J-SAC November 2013 2397-2408*

Channel capacity

- Ergodic Sum Capacity of Spectrum-Sharing Multiple Access with Collision Metric. *Khoshkholgh, Mohammad G., +, J-SAC November 2013 2528-2540*
- Exploiting Partial Channel State Information for Secrecy over Wireless Channels. *Bloch, Matthieu R., +, J-SAC September 2013 1840-1849*
- Intervehicle Communication: Cox-Fox Modeling. *Jeong, Youngmin, +, J-SAC September 2013 418-433*
- On Capacity of Large-Scale MIMO Multiple Access Channels with Distributed Sets of Correlated Antennas. *Zhang, Jun, +, J-SAC February 2013 133-148*
- On the Capacity of Large-MIMO Block-Fading Channels. *Yang, Wei, +, J-SAC February 2013 117-132*
- Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias, +, J-SAC September 2013 1901-1908*
- Secret Key Generation from Sparse Wireless Channels: Ergodic Capacity and Secrecy Outage. *Chou, Tzu-Han, +, J-SAC September 2013 1751-1764*

Channel coding

- Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*
- Large System Analysis of Linear Precoding in MISO Broadcast Channels with Confidential Messages. *Geraci, Giovanni, +, J-SAC September 2013 1660-1671*
- Linear Function Computation in Networks: Duality and Constant Gap Results. *Zhan, Jiening, +, J-SAC April 2013 620-638*
- On the design of a novel joint network-channel coding scheme for the multiple access relay channel. *Hernaes, M., +, J-SAC August 2013 1368-1378*
- Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias, +, J-SAC September 2013 1901-1908*
- Throughput of Cognitive Radio Systems with Finite Blocklength Codes. *Ozcan, Gozde, +, J-SAC November 2013 2541-2554*

Channel estimation

- A Coordinated Approach to Channel Estimation in Large-Scale Multiple-Antenna Systems. *Yin, Haifan, +, J-SAC February 2013 264-273*
- Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong, +, J-SAC September 2013 460-469*
- Guest Editorial: Theories and Methods for Advanced Wireless Relays — Issue II. *Hua, Yingbo, +, J-SAC August 2013 1361-1367*
- Inter-Cell Interference in Noncooperative TDD Large Scale Antenna Systems. *Fernandes, Fabio, +, J-SAC February 2013 192-201*
- Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*
- Massive MIMO in the UL/DL of Cellular Networks: How Many Antennas Do We Need?. *Hoydis, Jakob, +, J-SAC February 2013 160-171*
- Partner Selection in Indoor-to-Outdoor Cooperative Networks: An Experimental Study. *Castiglione, P., +, J-SAC August 2013 1559-1571*
- Spectrally Efficient Time-Frequency Training OFDM for Mobile Large-Scale MIMO Systems. *Dai, Linglong, +, J-SAC February 2013 251-263*
- Spectrum-Efficient Coherent Optical OFDM for Transport Networks. *Dai, Linglong, +, J-SAC January 2013 62-74*
- Throughput of Cognitive Radio Systems with Finite Blocklength Codes. *Ozcan, Gozde, +, J-SAC November 2013 2541-2554*
- Traffic-Aware Channel Sensing Order in Dynamic Spectrum Access Networks. *Liu, Chun-Hao, +, J-SAC November 2013 2312-2323*
- Wireless User Authentication via Comparison of Power Spectral Densities. *Tugnait, Jitendra K., +, J-SAC September 2013 1791-1802*

Channel spacing

- Design and Experimental Validation of a GMPLS/PCE Control Plane for Elastic CO-OFDM Optical Networks. *Casellas, Ramon, +, J-SAC January 2013 49-61*

Chemical engineering

- Stability and Sensitivity Analysis of Traffic-Shaping Algorithms Inspired by Chemical Engineering. *Monti, Massimo, +, J-SAC June 2013 1105-1114*

Cloud computing

- A Framework for Cooperative Resource Management in Mobile Cloud Computing. *Kaewpuang, Rakpong, +, J-SAC December 2013 2685-2700*
- Automating Cloud Network Optimization and Evolution. *Wu, Zhenyu, +, J-SAC December 2013 2620-2631*
- Capacity and Security of Heterogeneous Distributed Storage Systems. *Ernvall, Toni, +, J-SAC December 2013 2701-2709*
- Cinematic-Quality VoD in a P2P Storage Cloud: Design, Implementation and Measurements. *Liu, Fangming, +, J-SAC September 2013 214-226*
- Dynamic Request Splitting for Interactive Cloud Applications. *Hajjat, Mohammad, +, J-SAC December 2013 2722-2737*
- Guest Editorial: Networking Challenges in Cloud Computing Systems and Applications. *Wei, David S. L., +, J-SAC December 2013 2593-2595*
- Incentive Provision and Job Allocation in Social Cloud Systems. *Zhang, Yu, +, J-SAC September 2013 607-617*
- Moving Big Data to The Cloud: An Online Cost-Minimizing Approach. *Zhang, Linqun, +, J-SAC December 2013 2710-2721*
- Multi-Session Function Computation and Multicasting in Undirected Graphs. *Kannan, Sreeram, +, J-SAC April 2013 702-713*
- SR-IOV Based Network Interrupt-Free Virtualization with Event Based Polling. *Guan, HaiBing, +, J-SAC December 2013 2596-2609*

Cognitive radio

- Achievable Spatial Throughput in Multi-Antenna Cognitive Underlay Networks with Multi-Hop Relaying. *Zaidi, Syed Ali Raza, +, J-SAC August 2013 1543-1558*
- Asymptotic Queuing Analysis for Dynamic Spectrum Access Networks in the Presence of Heavy Tails. *Wang, Pu, +, J-SAC March 2013 514-522*
- Censored Truncated Sequential Spectrum Sensing for Cognitive Radio Networks. *Maleki, Sina, +, J-SAC March 2013 364-378*
- Channel Exploration and Exploitation with Imperfect Spectrum Sensing in Cognitive Radio Networks. *Zhang, Zhou, +, J-SAC March 2013 429-441*
- Cognitive Access Policies under a Primary ARQ Process via Forward-Backward Interference Cancellation. *Michelusi, Nicolo, +, J-SAC November 2013 2374-2386*
- Cognitive Orthogonal Precoder for Two-Tiered Networks Deployment. *Maso, Marco, +, J-SAC November 2013 2338-2348*
- Cognitive Radio Network Duality and Algorithms for Utility Maximization. *Zheng, Liang, +, J-SAC March 2013 500-513*
- Complexity of Spectrum Activity and Benefits of Reinforcement Learning for Dynamic Channel Selection. *Macaluso, Irene, +, J-SAC November 2013 2237-2248*
- Continuous Power Allocation Strategies for Sensing-Based Multiband Spectrum Sharing. *Chen, Zhong, +, J-SAC November 2013 2409-2419*
- Cooperative Spectrum Access Towards Secure Information Transfer for CRNs. *Zhang, Ning, +, J-SAC November 2013 2453-2464*
- Cross-Layer Scheduling for Cooperative Multi-Hop Cognitive Radio Networks. *Xue, Dongyue, +, J-SAC March 2013 534-543*
- Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin, +, J-SAC November 2013 2387-2396*
- Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays. *Wang, Shaowei, +, J-SAC November 2013 2432-2441*
- Energy Efficient Transmissions in MIMO Cognitive Radio Networks. *Fu, Liquan, +, J-SAC November 2013 2420-2431*
- Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. *Luo, Changqing, +, J-SAC November 2013 2442-2452*
- Exploiting Orthogonally Dual-Polarized Antennas in Cooperative Cognitive Radio Networking. *Cao, Bin, +, J-SAC November 2013 2362-2373*
- Frequency-Agile Multiband Quadrature Sigma-Delta Modulator for Cognitive Radio: Analysis, Design and Digital Post-Processing. *Marttila, Jaakko, +, J-SAC November 2013 2222-2236*
- Fuzzy-Logic Based Framework for Spectrum Availability Assessment in Cognitive Radio Systems. *Matinmikko, Marja, +, J-SAC November 2013 2173-2184*
- Game Theoretic Aspects of the Multi-Channel ALOHA Protocol in Cognitive Radio Networks. *Cohen, Kobi, +, J-SAC November 2013 2276-2288*
- HMM-Based Malicious User Detection for Robust Collaborative Spectrum Sensing. *He, Xiaofan, +, J-SAC November 2013 2196-2208*
- Joint Sensing and Transmission for AF Relay Assisted PU Transmission in Cognitive Radio Networks. *Yin, Wenshan, +, J-SAC November 2013 2249-2261*
- Low Delay MAC Scheduling for Frequency-Agile Multi-Radio Wireless Networks. *Chatterjee, Avhishek, +, J-SAC November 2013 2262-2275*

- MAC Protocol Design and Performance Analysis for Random Access Cognitive Radio Networks. *Chen, Qian*, +, *J-SAC November 2013 2289-2300*
- Machine Learning Techniques for Cooperative Spectrum Sensing in Cognitive Radio Networks. *Thilina, Karaputugala Madushan*, +, *J-SAC November 2013 2209-2221*
- Multiple Antenna Cyclostationary Spectrum Sensing Based on the Cyclic Correlation Significance Test. *Urriza, Paulo*, +, *J-SAC November 2013 2185-2195*
- Multiuser Resource Allocation Optimization Using Bandwidth-Power Product in Cognitive Radio Networks. *Tachwali, Yahia*, +, *J-SAC March 2013 451-463*
- Multiuser Spectral Precoding for OFDM-Based Cognitive Radio Systems. *Zhou, Xiangwei*, +, *J-SAC March 2013 345-352*
- On Spatial Domain Cognitive Radio Using Single-Radio Parasitic Antenna Arrays. *Wilcox, D.*, +, *J-SAC March 2013 571-580*
- On the Measurement of Duty Cycle and Channel Occupancy Rate. *Lehtomaki, Janne J.*, +, *J-SAC November 2013 2555-2565*
- Opportunistic Spectrum Scheduling by Jointly Exploiting Channel Correlation and PU Traffic Memory. *Wang, Shanshan*, +, *J-SAC March 2013 394-405*
- Optimal Pricing Effect on Equilibrium Behaviors of Delay-Sensitive Users in Cognitive Radio Networks. *Tran, Nguyen H.*, +, *J-SAC November 2013 2566-2579*
- Optimal Primary-User Mobility Aware Spectrum Sensing Design for Cognitive Radio Networks. *Cacciapuoti, Angela Sara*, +, *J-SAC November 2013 2161-2172*
- Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N.*, +, *J-SAC May 2013 916-925*
- RECOG: A Sensing-Based Cognitive Radio System with Real-Time Application Support. *Tan, Kefeng*, +, *J-SAC November 2013 2504-2516*
- Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior. *Jiang, C.*, +, *J-SAC March 2013 406-416*
- Resource Allocation for Heterogeneous Cognitive Radio Networks with Imperfect Spectrum Sensing. *Wang, Shaowei*, +, *J-SAC March 2013 464-475*
- Resource Allocation in Cognitive Radio Relay Networks. *Liang, Jui-Chi*, +, *J-SAC March 2013 476-488*
- Resource-Minimized Channel Assignment for Multi-Transceiver Cognitive Radio Networks. *Irwin, Ryan E.*, +, *J-SAC March 2013 442-450*
- Robust MIMO Cognitive Radio Systems Under Interference Temperature Constraints. *Yang, Yang*, +, *J-SAC November 2013 2465-2482*
- Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks. *Gong, Shimin*, +, *J-SAC November 2013 2397-2408*
- Service Response Time of Elastic Data Traffic in Cognitive Radio Networks. *Gunawardena, Subodha*, +, *J-SAC March 2013 559-570*
- Spectrum and Energy Efficient Relay Station Placement in Cognitive Radio Networks. *Yue, Hao*, +, *J-SAC May 2013 883-893*
- Spectrum Sensing for Cognitive Radios Based on Directional Statistics of Polarization Vectors. *Guo, Caili*, +, *J-SAC March 2013 379-393*
- Spectrum Sensing for OFDM Signals Using Pilot Induced Auto-Correlations. *Zeng, Yonghong*, +, *J-SAC March 2013 353-363*
- Stable Throughput in a Cognitive Wireless Network. *Fanous, Anthony*, +, *J-SAC March 2013 523-533*
- Throughput of Cognitive Radio Systems with Finite Blocklength Codes. *Ozcan, Gozde*, +, *J-SAC November 2013 2541-2554*
- What Should Secondary Users Do Upon Incumbents' Return?. *Zhang, Caoxie*, +, *J-SAC March 2013 417-428*
- Collaborative work**
- Efficient Trust Based Information Sharing Schemes over Distributed Collaborative Networks. *Lin, Huang*, +, *J-SAC September 2013 279-290*
- Collision avoidance**
- MAC Protocol Design and Performance Analysis for Random Access Cognitive Radio Networks. *Chen, Qian*, +, *J-SAC November 2013 2289-2300*
- Communication complexity**
- Energy Efficient Transmissions in MIMO Cognitive Radio Networks. *Fu, Liqun*, +, *J-SAC November 2013 2420-2431*
- Low Delay MAC Scheduling for Frequency-Agile Multi-Radio Wireless Networks. *Chatterjee, Avhishek*, +, *J-SAC November 2013 2262-2275*
- Optimal Computation of Symmetric Boolean Functions in Collocated Networks. *Kowshik, Hemant*, +, *J-SAC April 2013 639-654*
- Spectrum and Energy Efficient Relay Station Placement in Cognitive Radio Networks. *Yue, Hao*, +, *J-SAC May 2013 883-893*
- Communication networks**
- Correction to "An Efficient Game Form for Multi-Rate Multicast Service Provisioning". *Kakhbod, Ali*, +, *J-SAC July 2013 1355-1356*
- Communication system security**
- Erratum [to "On Secrecy Rate of the Generalized Artificial-Noise Assisted Secure Beamforming for Wiretap Channels" (Pin-Hsun Lin et al.; Sep 13)]. *J-SAC October 2013 2154*
- Guest Editorial: Signal Processing for Wireless Physical Layer Security}. *Jorswieck, Eduard*, +, *J-SAC September 2013 1657-1659*
- Complex networks**
- Community Detection in Scale-Free Networks: Approximation Algorithms for Maximizing Modularity. *Dinh, Thang N.*, +, *J-SAC June 2013 997-1006*
- Cooperation Dynamics on Collaborative Social Networks of Heterogeneous Population. *Wei, Guiyi*, +, *J-SAC June 2013 1135-1146*
- Complexity theory**
- Coding and system design for quantize-map-and-forward relaying. *Nagpal, V.*, +, *J-SAC Aug. 2013 1423-1435*
- Interference Aware Routing Using Network Formation Game in Cognitive Radio Mesh Networks. *Yuan, Zhou*, +, *J-SAC November 2013 2494-2503*
- Compressed sensing**
- Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong*, +, *J-SAC September 2013 460-469*
- Computation theory**
- Guest Editorial: In-Network Computation: Exploring the Fundamental Limits. *Kumar, P. R.*, +, *J-SAC April 2013 617-619*
- Computational complexity**
- A Holistic Approach to Service Delivery in Driver-in-the-Loop Vehicular CPS. *Li, Xu*, +, *J-SAC September 2013 513-522*
- Distributed Opportunistic Scheduling for Wireless Ad-Hoc Networks with Block-Fading Model. *Chen, Hua*, +, *J-SAC November 2013 2324-2337*
- Joint User Grouping and Linear Virtual Beamforming: Complexity, Algorithms and Approximation Bounds. *Hong, Mingyi*, +, *J-SAC October 2013 2013-2027*
- Mode Selection and Power Optimization for Energy Efficiency in Uplink Virtual MIMO Systems. *Rui, Yun*, +, *J-SAC May 2013 926-936*
- Multi-Session Function Computation and Multicasting in Undirected Graphs. *Kannan, Sreeram*, +, *J-SAC April 2013 702-713*
- Multiuser Spectral Precoding for OFDM-Based Cognitive Radio Systems. *Zhou, Xiangwei*, +, *J-SAC March 2013 345-352*
- Resource Allocation in Cognitive Radio Relay Networks. *Liang, Jui-Chi*, +, *J-SAC March 2013 476-488*
- Robust MIMO Cognitive Radio Systems Under Interference Temperature Constraints. *Yang, Yang*, +, *J-SAC November 2013 2465-2482*
- Secure Key Generation in Sensor Networks Based on Frequency-Selective Channels. *Wilhelm, Matthias*, +, *J-SAC September 2013 1779-1790*
- The Wiring Economy Principle for Designing Inference Networks. *Varshney, Lav R.*, +, *J-SAC June 2013 1095-1104*
- Computational modeling**
- A Framework for Cooperative Resource Management in Mobile Cloud Computing. *Kaewpuang, Rakpong*, +, *J-SAC December 2013 2685-2700*
- Computer crime**
- Characterizing Inter-Domain Rerouting by Betweenness Centrality after Disruptive Events. *Liu, Yujing*, +, *J-SAC June 2013 1147-1157*
- Preventing Piracy Content Propagation in Peer-to-Peer Networks. *Zhang, Hongli*, +, *J-SAC September 2013 105-114*
- Computer network management**
- Adaptive Spectrum Control and Management in Elastic Optical Networks. *Wen, Ke*, +, *J-SAC January 2013 39-48*
- Effective Utilization of User Resources in PA-VoD Systems with Channel Heterogeneity. *Chang, Le*, +, *J-SAC September 2013 227-236*
- Computer network performance evaluation**
- THUP: A P2P Network Robust to Churn and DoS Attack Based on Bimodal Degree Distribution. *Suto, Katsuya*, +, *J-SAC September 2013 247-256*
- Computer network reliability**
- Cinematic-Quality VoD in a P2P Storage Cloud: Design, Implementation and Measurements. *Liu, Fangming*, +, *J-SAC September 2013 214-226*
- Computer network security**
- Characterizing Inter-Domain Rerouting by Betweenness Centrality after Disruptive Events. *Liu, Yujing*, +, *J-SAC June 2013 1147-1157*
- Competing Memes Propagation on Networks: A Network Science Perspective. *Wei, Xuetao*, +, *J-SAC June 2013 1049-1060*
- Intrinsic Information of Wideband Channels. *Shen, Yuan*, +, *J-SAC September 2013 1875-1888*
- TESLA-Based Homomorphic MAC for Authentication in P2P System for Live Streaming with Network Coding. *Cheng, Chi*, +, *J-SAC September 2013 291-298*

- THUP: A P2P Network Robust to Churn and DoS Attack Based on Bimodal Degree Distribution. *Suto, Katsuya, +, J-SAC September 2013 247-256*
- Computer viruses**
- Competing Memes Propagation on Networks: A Network Science Perspective. *Wei, Xuetao, +, J-SAC June 2013 1049-1060*
- Computerized instrumentation**
- A Multi-Sensor Energy Theft Detection Framework for Advanced Metering Infrastructures. *McLaughlin, Stephen, +, J-SAC July 2013 1319-1330*
- Concave programming**
- Distributionally Robust Slow Adaptive OFDMA with Soft QoS via Linear Programming. *So, Anthony Man-Cho, +, J-SAC May 2013 947-958*
- Robust MIMO Cognitive Radio Systems Under Interference Temperature Constraints. *Yang, Yang, +, J-SAC November 2013 2465-2482*
- Content management**
- Preventing Piracy Content Propagation in Peer-to-Peer Networks. *Zhang, Hongli, +, J-SAC September 2013 105-114*
- Context awareness**
- Self-Adaptive Context Data Distribution with Quality Guarantees in Mobile P2P Networks. *Fanelli, Mario, +, J-SAC September 2013 115-131*
- Control systems**
- A Unified Unicast and Multicast Routing and Forwarding Algorithm for Software-Defined Datacenter Networks. *Jia, Wen-Kang, +, J-SAC December 2013 2646-2657*
- Convergence**
- Robust MIMO Cognitive Radio Systems Under Interference Temperature Constraints. *Yang, Yang, +, J-SAC November 2013 2465-2482*
- The Role of Persistent Graphs in the Agreement Seeking of Social Networks. *Shi, Guodong, +, J-SAC September 2013 595-606*
- Convex programming**
- Mode Selection and Power Optimization for Energy Efficiency in Uplink Virtual MIMO Systems. *Rui, Yun, +, J-SAC May 2013 926-936*
- On Spatial Domain Cognitive Radio Using Single-Radio Parasitic Antenna Arrays. *Wilcox, D., +, J-SAC March 2013 571-580*
- PAR-Aware Large-Scale Multi-User MIMO-OFDM Downlink. *Studer, Christoph, +, J-SAC February 2013 303-313*
- Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N., +, J-SAC May 2013 916-925*
- The Wiring Economy Principle for Designing Inference Networks. *Varshney, Lav R., +, J-SAC June 2013 1095-1104*
- Throughput Maximization for the Gaussian Relay Channel with Energy Harvesting Constraints. *Huang, Chuan, +, J-SAC August 2013 1469-1479*
- Traffic-Aware Channel Sensing Order in Dynamic Spectrum Access Networks. *Liu, Chun-Hao, +, J-SAC November 2013 2312-2323*
- Transmit Solutions for MIMO Wiretap Channels using Alternating Optimization. *Li, Qiang, +, J-SAC September 2013 1714-1727*
- Waveform Design for Secure SISO Transmissions and Multicasting. *Li, Ming, +, J-SAC September 2013 1864-1874*
- Cooperative communication**
- A Symbol-by-Symbol Cooperative Diversity Scheme for Relay-Assisted UWB Communications with PPM. *Abou-Rjeily, Chadi, +, J-SAC August 2013 1436-1445*
- CAH-MAC: Cooperative ADHOC MAC for Vehicular Networks. *Bharati, Sailesh, +, J-SAC September 2013 470-479*
- Censored Truncated Sequential Spectrum Sensing for Cognitive Radio Networks. *Maleki, Sina, +, J-SAC March 2013 364-378*
- Cooperation Dynamics on Collaborative Social Networks of Heterogeneous Population. *Wei, Guiyi, +, J-SAC June 2013 1135-1146*
- Cooperative Spectrum Access Towards Secure Information Transfer for CRNs. *Zhang, Ning, +, J-SAC November 2013 2453-2464*
- Cross-Layer Scheduling for Cooperative Multi-Hop Cognitive Radio Networks. *Xue, Dongyue, +, J-SAC March 2013 534-543*
- Dynamic Bargaining for Relay-Based Cooperative Spectrum Sharing. *Yan, Yang, +, J-SAC August 2013 1480-1493*
- Dynamic Cell Expansion with Self-Organizing Cooperation. *Guo, Weisi, +, J-SAC May 2013 851-860*
- Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays. *Wang, Shaowei, +, J-SAC November 2013 2432-2441*
- Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. *Luo, Changqing, +, J-SAC November 2013 2442-2452*
- Exploiting Orthogonally Dual-Polarized Antennas in Cooperative Cognitive Radio Networking. *Cao, Bin, +, J-SAC November 2013 2362-2373*
- HMM-Based Malicious User Detection for Robust Collaborative Spectrum Sensing. *He, Xiaofan, +, J-SAC November 2013 2196-2208*
- Joint User Grouping and Linear Virtual Beamforming: Complexity, Algorithms and Approximation Bounds. *Hong, Mingyi, +, J-SAC October 2013 2013-2027*
- Machine Learning Techniques for Cooperative Spectrum Sensing in Cognitive Radio Networks. *Thilina, Karaputugala Madushan, +, J-SAC November 2013 2209-2221*
- On the Jamming Power Allocation for Secure Amplify-and-Forward Relaying via Cooperative Jamming. *Park, Ki-Hong, +, J-SAC September 2013 1741-1750*
- Partner Selection in Indoor-to-Outdoor Cooperative Networks: An Experimental Study. *Castiglione, P., +, J-SAC August 2013 1559-1571*
- Secure Cooperative Data Downloading in Vehicular Ad Hoc Networks. *Hao, Yong, +, J-SAC September 2013 523-537*
- Throughput Maximization for the Gaussian Relay Channel with Energy Harvesting Constraints. *Huang, Chuan, +, J-SAC August 2013 1469-1479*
- Copyright**
- Preventing Piracy Content Propagation in Peer-to-Peer Networks. *Zhang, Hongli, +, J-SAC September 2013 105-114*
- Correlation**
- Dynamic Request Splitting for Interactive Cloud Applications. *Hajjat, Mohammad, +, J-SAC December 2013 2722-2737*
- Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. *Wu, Chih-Yao, +, J-SAC September 2013 1687-1700*
- Sum Rate Analysis of ZF Receivers in Distributed MIMO Systems. *Matthaiou, Michail, +, J-SAC February 2013 180-191*
- Cost accounting**
- Efficiency Resource Allocation for Device-to-Device Underlay Communication Systems: A Reverse Iterative Combinatorial Auction Based Approach. *Xu, Chen, +, J-SAC September 2013 348-358*
- Cost reduction**
- Heterogeneous Delay Tolerant Task Scheduling and Energy Management in the Smart Grid with Renewable Energy. *Chen, Shengbo, +, J-SAC July 2013 1258-1267*
- Spectrum and Energy Efficient Relay Station Placement in Cognitive Radio Networks. *Yue, Hao, +, J-SAC May 2013 883-893*
- Covariance analysis**
- A Coordinated Approach to Channel Estimation in Large-Scale Multiple-Antenna Systems. *Yin, Haifan, +, J-SAC February 2013 264-273*
- Covariance matrices**
- Erratum [to "On Secrecy Rate of the Generalized Artificial-Noise Assisted Secure Beamforming for Wiretap Channels" (Pin-Hsun Lin et al.; Sep 13)]. *J-SAC October 2013 2154*
- Multiple Antenna Cyclostationary Spectrum Sensing Based on the Cyclic Correlation Significance Test. *Urriza, Paulo, +, J-SAC November 2013 2185-2195*
- On Capacity of Large-Scale MIMO Multiple Access Channels with Distributed Sets of Correlated Antennas. *Zhang, Jun, +, J-SAC February 2013 133-148*
- On Secrecy Rate of the Generalized Artificial-Noise Assisted Secure Beamforming for Wiretap Channels. *Lin, Pin-Hsun, +, J-SAC September 2013 1728-1740*
- On Spatial Domain Cognitive Radio Using Single-Radio Parasitic Antenna Arrays. *Wilcox, D., +, J-SAC March 2013 571-580*
- Cryptographic protocols**
- Distributed Privacy-Preserving Aggregation of Metering Data in Smart Grids. *Rottondi, Cristina, +, J-SAC July 2013 1342-1354*
- Secure Key Generation in Sensor Networks Based on Frequency-Selective Channels. *Wilhelm, Matthias, +, J-SAC September 2013 1779-1790*
- Cryptography**
- Everlasting Secrecy by Exploiting Non-Idealities of the Eavesdropper's Receiver. *Sheikholeslami, Azadeh, +, J-SAC September 2013 1828-1839*
- Exploiting Partial Channel State Information for Secrecy over Wireless Channels. *Bloch, Matthieu R., +, J-SAC September 2013 1840-1849*
- Intrinsic Information of Wideband Channels. *Shen, Yuan, +, J-SAC September 2013 1875-1888*
- Key Agreement over a Generalized Multiple Access Channel Using Noiseless and Noisy Feedback. *Salimi, Somayeh, +, J-SAC September 2013 1765-1778*
- m-Carer: Privacy-Aware Monitoring for People with Mild Cognitive Impairment and Dementia. *Solanas, Agusti, +, J-SAC September 2013 19-27*
- TESLA-Based Homomorphic MAC for Authentication in P2P System for Live Streaming with Network Coding. *Cheng, Chi, +, J-SAC September 2013 291-298*

Cyclic redundancy check codes

Joint LDPC and Physical-Layer Network Coding for Asynchronous Bi-Directional Relaying. *Wu, Xiaofu, +, J-SAC August 2013 1446-1454*

D**Data communication**

Datacast: A Scalable and Efficient Reliable Group Data Delivery Service for Data Centers. *Cao, Jiaxin, +, J-SAC December 2013 2632-2645*

Energy-Efficient Relaying over Multiple Slots with Causal CSI. *Ho, Chin Keong, +, J-SAC August 2013 1494-1505*

Data compression

Complexity of Spectrum Activity and Benefits of Reinforcement Learning for Dynamic Channel Selection. *Macaluso, Irene, +, J-SAC November 2013 2237-2248*

Data privacy

A Distributed Algorithm for Identifying Information Hubs in Social Networks. *Ilyas, Muhammad U., +, J-SAC September 2013 629-640*

Distributed Privacy-Preserving Aggregation of Metering Data in Smart Grids. *Rottondi, Cristina, +, J-SAC July 2013 1342-1354*

Fully Anonymous Profile Matching in Mobile Social Networks. *Liang, Xiaohui, +, J-SAC September 2013 641-655*

Increasing Smart Meter Privacy Through Energy Harvesting and Storage Devices. *Tan, Onur, +, J-SAC July 2013 1331-1341*

Information Leakage Neutralization for the Multi-Antenna Non-Regenerative Relay-Assisted Multi-Carrier Interference Channel. *Ho, Zuleita, +, J-SAC September 2013 1672-1686*

Privacy-Preserving Profile Matching for Proximity-Based Mobile Social Networking. *Zhang, Rui, +, J-SAC September 2013 656-668*

Transmit Solutions for MIMO Wiretap Channels using Alternating Optimization. *Li, Qiang, +, J-SAC September 2013 1714-1727*

Verifiable Privacy-Preserving Aggregation in People-Centric Urban Sensing Systems. *Zhang, Rui, +, J-SAC September 2013 268-278*

Database management

Data Centers as Software Defined Networks: Traffic Redundancy Elimination with Wireless Cards at Routers. *Cui, Yong, +, J-SAC December 2013 2658-2672*

Datacast: A Scalable and Efficient Reliable Group Data Delivery Service for Data Centers. *Cao, Jiaxin, +, J-SAC December 2013 2632-2645*

Enhancing Survivability in Virtualized Data Centers: A Service-Aware Approach. *Xu, Jielong, +, J-SAC December 2013 2610-2619*

Databases

mHealth Technologies for Chronic Diseases and Elders: A Systematic Review. *Chiarini, Giovanni, +, J-SAC September 2013 6-18*

Decentralized control

Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin, +, J-SAC November 2013 2387-2396*

Decision making

Fuzzy-Logic Based Framework for Spectrum Availability Assessment in Cognitive Radio Systems. *Matinmikko, Marja, +, J-SAC November 2013 2173-2184*

Low Delay MAC Scheduling for Frequency-Agile Multi-Radio Wireless Networks. *Chatterjee, Avhishek, +, J-SAC November 2013 2262-2275*

Decision support systems

Capacity and Security of Heterogeneous Distributed Storage Systems. *Ernvall, Toni, +, J-SAC December 2013 2701-2709*

Decision theory

Exploiting Orthogonally Dual-Polarized Antennas in Cooperative Cognitive Radio Networking. *Cao, Bin, +, J-SAC November 2013 2362-2373*

Opportunistic Spectrum Scheduling by Jointly Exploiting Channel Correlation and PU Traffic Memory. *Wang, Shanshan, +, J-SAC March 2013 394-405*

Tractable Bayesian Social Learning on Trees. *Kanoria, Yashodhan, +, J-SAC April 2013 756-765*

Decode and forward communication

Buffer-Aided Relaying with Adaptive Link Selection. *Zlatanov, Nikola, +, J-SAC August 2013 1530-1542*

Energy-Spectral Efficiency Trade-Off in Virtual MIMO Cellular Systems. *Hong, Xuemin, +, J-SAC October 2013 2128-2140*

Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*

On the design of a novel joint network-channel coding scheme for the multiple access relay channel. *Hernaes, M., +, J-SAC August 2013 1368-1378*

Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias, +, J-SAC September 2013 1901-1908*

Throughput Maximization for the Gaussian Relay Channel with Energy Harvesting Constraints. *Huang, Chuan, +, J-SAC August 2013 1469-1479*

Wireless Multicast Relay Networks with Limited-Rate Source-Conferencing. *Du, Jinfeng, +, J-SAC August 2013 1390-1401*

Decoding

Coding and system design for quantize-map-and-forward relaying. *Nagpal, V., +, J-SAC Aug. 2013 1423-1435*

Data Centers as Software Defined Networks: Traffic Redundancy Elimination with Wireless Cards at Routers. *Cui, Yong, +, J-SAC December 2013 2658-2672*

Interference Aware Routing Using Network Formation Game in Cognitive Radio Mesh Networks. *Yuan, Zhou, +, J-SAC November 2013 2494-2503*

Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*

LDPC codes for soft decode-and-forward in half-duplex relay channels. *Azmi, M.H., +, J-SAC Aug. 2013 1402-1413*

On the Capacity Region of Cognitive Multiple Access over White Space Channels. *Zhang, Huazi, +, J-SAC November 2013 2517-2527*

Packet Loss Recovery Scheme with Uniquely-Decodable Codes for Streaming Multimedia over P2P Networks. *Yu, Qi-Yue, +, J-SAC September 2013 142-154*

Uplink Multicell Processing with Limited Backhaul via Per-Base-Station Successive Interference Cancellation. *Zhou, Lei, +, J-SAC October 2013 1981-1993*

Delay tolerant networks

EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant Wireless Sensor and Actor Networks. *He, Shibo, +, J-SAC September 2013 75-84*

Persistent Localized Broadcasting in VANETs. *Fiore, Marco, +, J-SAC September 2013 480-490*

Delays

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong, +, J-SAC September 2013 460-469*

Dynamic Request Splitting for Interactive Cloud Applications. *Hajjat, Mohammad, +, J-SAC December 2013 2722-2737*

LSR: Mitigating Zero-Day Sybil Vulnerability in Privacy-Preserving Vehicular Peer-to-Peer Networks. *Lin, Xiaodong, +, J-SAC September 2013 237-246*

Providing Fast Channel Switching in P2P IPTV Systems. *Manzato, Daniel A. G., +, J-SAC September 2013 326-337*

Scalable Multi-Class Traffic Management in Data Center Backbone Networks. *Ghosh, Amitabha, +, J-SAC December 2013 2673-2684*

Secret Key Generation from Sparse Wireless Channels: Ergodic Capacity and Secrecy Outage. *Chou, Tzu-Han, +, J-SAC September 2013 1751-1764*

Spectrally Efficient Time-Frequency Training OFDM for Mobile Large-Scale MIMO Systems. *Dai, Linglong, +, J-SAC February 2013 251-263*

Waterfall: Video Distribution by Cascading Multiple Swarms. *Park, Kunwoo, +, J-SAC September 2013 165-174*

Wideband Channel Modeling and Intercarrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems. *Cheng, Xiang, +, J-SAC September 2013 434-448*

Demand forecasting

Demand Response Management via Real-Time Electricity Price Control in Smart Grids. *Qian, Li Ping, +, J-SAC July 2013 1268-1280*

Demand side management

Demand Response Management via Real-Time Electricity Price Control in Smart Grids. *Qian, Li Ping, +, J-SAC July 2013 1268-1280*

nPlug: An Autonomous Peak Load Controller. *Ganu, Tanuja, +, J-SAC July 2013 1205-1218*

The Role of Aggregators in Smart Grid Demand Response Markets. *Gkatzikis, Lazaros, +, J-SAC July 2013 1247-1257*

Dementia

m-Carer: Privacy-Aware Monitoring for People with Mild Cognitive Impairment and Dementia. *Solanas, Agusti, +, J-SAC September 2013 19-27*

DiffServ networks

On the Impact of Incentives in eMule {Analysis and Measurements of a Popular File-Sharing Application}. *Carra, Damiano, +, J-SAC September 2013 94-104*

Directed graphs

Multi-Session Function Computation and Multicasting in Undirected Graphs. *Kannan, Sreeram, +, J-SAC April 2013 702-713*
 Network Flows for Function Computation. *Shah, Virag, +, J-SAC April 2013 714-730*

Direction-of-arrival estimation

A Roadside Scattering Model for the Vehicle-to-Vehicle Communication Channel. *Cheng, Lin, +, J-SAC September 2013 449-459*

Diseases

mHealth Technologies for Chronic Diseases and Elders: A Systematic Review. *Chiarini, Giovanni, +, J-SAC September 2013 6-18*

Distortion

Blind Known Interference Cancellation. *Zhang, Shengli, +, J-SAC August 2013 1572-1582*

Distributed algorithms

A Distributed Algorithm for Identifying Information Hubs in Social Networks. *Ilyas, Muhammad U., +, J-SAC September 2013 629-640*
 Cognitive Radio Network Duality and Algorithms for Utility Maximization. *Zheng, Liang, +, J-SAC March 2013 500-513*
 Distributed Spectrum Access with Spatial Reuse. *Chen, Xu, +, J-SAC March 2013 593-603*
 Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N., +, J-SAC May 2013 916-925*
 Resilient Asymptotic Consensus in Robust Networks. *LeBlanc, Heath J., +, J-SAC April 2013 766-781*
 Resource-Minimized Channel Assignment for Multi-Transceiver Cognitive Radio Networks. *Irwin, Ryan E., +, J-SAC March 2013 442-450*
 Toward Efficient Distributed Algorithms for In-Network Binary Operator Tree Placement in Wireless Sensor Networks. *Lu, Zongqing, +, J-SAC April 2013 743-755*

Distributed control

Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin, +, J-SAC November 2013 2387-2396*

Distributed processing

Capacity and Security of Heterogeneous Distributed Storage Systems. *Ernvall, Toni, +, J-SAC December 2013 2701-2709*

Distributed sensors

Network Flows for Function Computation. *Shah, Virag, +, J-SAC April 2013 714-730*

Distribution networks

Sparse Attack Construction and State Estimation in the Smart Grid: Centralized and Distributed Models. *Ozay, Mete, +, J-SAC July 2013 1306-1318*

Diversity reception

Diversity Limits of Compact Broadband Multi-Antenna Systems. *Taluja, Pawandeep S., +, J-SAC February 2013 326-337*
 Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays. *Wang, Shaowei, +, J-SAC November 2013 2432-2441*
 Evaluating Opportunistic Multi-Channel MAC: Is Diversity Gain Worth the Pain?. *Liu, Yang, +, J-SAC November 2013 2301-2311*
 Relay Selection and Performance Analysis in Multiple-User Networks. *Atapattu, Saman, +, J-SAC August 2013 1517-1529*
 Relay-Assisted Rateless Layered Multiple Description Video Delivery. *Nazir, Sajid, +, J-SAC August 2013 1629-1637*

Doping

LDPC codes for soft decode-and-forward in half-duplex relay channels. *Azmi, M.H., +, J-SAC Aug. 2013 1402-1413*
 On the Capacity Region of Cognitive Multiple Access over White Space Channels. *Zhang, Huazi, +, J-SAC November 2013 2517-2527*

Downlink

Efficiency Resource Allocation for Device-to-Device Underlay Communication Systems: A Reverse Iterative Combinatorial Auction Based Approach. *Xu, Chen, +, J-SAC September 2013 348-358*

Driver information systems

A Holistic Approach to Service Delivery in Driver-in-the-Loop Vehicular CPS. *Li, Xu, +, J-SAC September 2013 513-522*

Duality (mathematics)

Linear Function Computation in Networks: Duality and Constant Gap Results. *Zhan, Jiening, +, J-SAC April 2013 620-638*
 Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N., +, J-SAC May 2013 916-925*

E**Earthquakes**

Characterizing Inter-Domain Rerouting by Betweenness Centrality after Disruptive Events. *Liu, Yujing, +, J-SAC June 2013 1147-1157*

Eigenvalues and eigenfunctions

Competing Memes Propagation on Networks: A Network Science Perspective. *Wei, Xuetao, +, J-SAC June 2013 1049-1060*
 Massive MIMO in the UL/DL of Cellular Networks: How Many Antennas Do We Need?. *Hoydis, Jakob, +, J-SAC February 2013 160-171*
 Multiple Antenna Cyclostationary Spectrum Sensing Based on the Cyclic Correlation Significance Test. *Urriza, Paulo, +, J-SAC November 2013 2185-2195*
 On Spatial Domain Cognitive Radio Using Single-Radio Parasitic Antenna Arrays. *Wilcox, D., +, J-SAC March 2013 571-580*
 On the Capacity of Large-MIMO Block-Fading Channels. *Yang, Wei, +, J-SAC February 2013 117-132*
 Topological Conditions for In-Network Stabilization of Dynamical Systems. *Pajic, Miroslav, +, J-SAC April 2013 794-807*

Elasticity

Body Area Network Security: A Fuzzy Attribute-Based Signcryption Scheme. *Hu, Chunqiang, +, J-SAC September 2013 37-46*

Electric vehicles

Bidirectional Energy Trading and Residential Load Scheduling with Electric Vehicles in the Smart Grid. *Kim, Byung-Gook, +, J-SAC July 2013 1219-1234*
 nPlug: An Autonomous Peak Load Controller. *Ganu, Tanuja, +, J-SAC July 2013 1205-1218*

Electricity supply industry

Guest Editorial: Smart Grid Communications. *Golmie, Nada, +, J-SAC July 2013 1169-1171*

Electromagnetic wave reflection

A Roadside Scattering Model for the Vehicle-to-Vehicle Communication Channel. *Cheng, Lin, +, J-SAC September 2013 449-459*

Electromagnetic wave scattering

A Roadside Scattering Model for the Vehicle-to-Vehicle Communication Channel. *Cheng, Lin, +, J-SAC September 2013 449-459*

Encoding

Achieving Full Secrecy Rate with Low Packet Delays: An Optimal Control Approach. *Mao, Zhoujia, +, J-SAC September 2013 1944-1956*
 Coding and system design for quantize-map-and-forward relaying. *Nagpal, V., +, J-SAC Aug. 2013 1423-1435*
 Guest Editorial: Theories and Methods for Advanced Wireless Relays — Issue II. *Hua, Yingbo, +, J-SAC August 2013 1361-1367*
 Interference Aware Routing Using Network Formation Game in Cognitive Radio Mesh Networks. *Yuan, Zhou, +, J-SAC November 2013 2494-2503*
 Large System Analysis of Sum Capacity in the Gaussian MIMO Broadcast Channel. *Guthy, Christian, +, J-SAC February 2013 149-159*
 LDPC codes for soft decode-and-forward in half-duplex relay channels. *Azmi, M.H., +, J-SAC Aug. 2013 1402-1413*
 On the Capacity Region of Cognitive Multiple Access over White Space Channels. *Zhang, Huazi, +, J-SAC November 2013 2517-2527*
 Packet Loss Recovery Scheme with Uniquely-Decodable Codes for Streaming Multimedia over P2P Networks. *Yu, Qi-Yue, +, J-SAC September 2013 142-154*
 Partner Selection in Indoor-to-Outdoor Cooperative Networks: An Experimental Study. *Castiglione, P., +, J-SAC August 2013 1559-1571*
 Providing Fast Channel Switching in P2P IPTV Systems. *Manzato, Daniel A. G., +, J-SAC September 2013 326-337*
 Whether and where to code in the wireless packet erasure relay channel. *Shi, X., +, J-SAC Aug. 2013 1379-1389*

Encryption

Body Area Network Security: A Fuzzy Attribute-Based Signcryption Scheme. *Hu, Chunqiang, +, J-SAC September 2013 37-46*
 Efficient Trust Based Information Sharing Schemes over Distributed Collaborative Networks. *Lin, Huang, +, J-SAC September 2013 279-290*

Energy conservation

EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant Wireless Sensor and Actor Networks. *He, Shibo, +, J-SAC September 2013 75-84*
 Energy-Efficient Coordinated Scheduling Mechanism for Cellular Communication Systems with Multiple Component Carriers. *Chen, Huaxia, +, J-SAC May 2013 959-968*

Energy-Efficient Repulsive Cell Activation for Heterogeneous Cellular Networks. *Cho, Sung-rae, +, J-SAC May 2013 870-882*

Energy consumption

Balancing Spectral Efficiency, Energy Consumption, and Fairness in Future Heterogeneous Wireless Systems with Reconfigurable Devices. *Amin, Rahul, +, J-SAC May 2013 969-980*

Demand Response Management via Real-Time Electricity Price Control in Smart Grids. *Qian, Li Ping, +, J-SAC July 2013 1268-1280*

Dynamic Cell Expansion with Self-Organizing Cooperation. *Guo, Weisi, +, J-SAC May 2013 851-860*

Energy-Efficient Coordinated Scheduling Mechanism for Cellular Communication Systems with Multiple Component Carriers. *Chen, Huaxia, +, J-SAC May 2013 959-968*

Increasing Smart Meter Privacy Through Energy Harvesting and Storage Devices. *Tan, Onur, +, J-SAC July 2013 1331-1341*

Privacy-Preserving Energy Theft Detection in Smart Grids: A P2P Computing Approach. *Salinas, Sergio, +, J-SAC September 2013 257-267*

Energy efficiency

Guest Editorial Spectrum and Energy Efficient Design of Wireless Communication Networks: Part I. *Yang, Yang, +, J-SAC May 2013 825-828*

Guest Editorial: Smart Grid Communications. *Golmie, Nada, +, J-SAC July 2013 1169-1171*

Energy harvesting

GreenCharge: Managing Renewable Energy in Smart Buildings. *Mishra, Aditya, +, J-SAC July 2013 1281-1293*

Heterogeneous Delay Tolerant Task Scheduling and Energy Management in the Smart Grid with Renewable Energy. *Chen, Shengbo, +, J-SAC July 2013 1258-1267*

Increasing Smart Meter Privacy Through Energy Harvesting and Storage Devices. *Tan, Onur, +, J-SAC July 2013 1331-1341*

Throughput Maximization for the Gaussian Relay Channel with Energy Harvesting Constraints. *Huang, Chuan, +, J-SAC August 2013 1469-1479*

Energy management systems

Energy Service Interface: Accessing to Customer Energy Resources for Smart Grid Interoperation. *Lee, Eun-Kyu, +, J-SAC July 2013 1195-1204*

GreenCharge: Managing Renewable Energy in Smart Buildings. *Mishra, Aditya, +, J-SAC July 2013 1281-1293*

Energy storage

GreenCharge: Managing Renewable Energy in Smart Buildings. *Mishra, Aditya, +, J-SAC July 2013 1281-1293*

Heterogeneous Delay Tolerant Task Scheduling and Energy Management in the Smart Grid with Renewable Energy. *Chen, Shengbo, +, J-SAC July 2013 1258-1267*

Increasing Smart Meter Privacy Through Energy Harvesting and Storage Devices. *Tan, Onur, +, J-SAC July 2013 1331-1341*

Entropy

Distributed Function Computation with Confidentiality. *Tyagi, Himanshu, +, J-SAC April 2013 691-701*

Error correction codes

Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*

Error statistics

Energy- and Spectral-Efficiency Tradeoff for Distributed Antenna Systems with Proportional Fairness. *He, Chunlong, +, J-SAC May 2013 894-902*

Intervehicle Communication: Cox-Fox Modeling. *Jeong, Youngmin, +, J-SAC September 2013 418-433*

Throughput of Cognitive Radio Systems with Finite Blocklength Codes. *Ozcan, Gozde, +, J-SAC November 2013 2541-2554*

Estimation

Estimating the Cardinality of a Mobile Peer-to-Peer Network. *Chen, Shipping, +, J-SAC September 2013 359-368*

A Measurement Framework for Directed Networks. *Salehi, Mostafa, +, J-SAC June 2013 1007-1016*

Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks. *Gong, Shimin, +, J-SAC November 2013 2397-2408*

Event detection

SR-I/OV Based Network Interrupt-Free Virtualization with Event Based Polling. *Guan, HaiBing, +, J-SAC December 2013 2596-2609*

Evolutionary computation

Cooperation Dynamics on Collaborative Social Networks of Heterogeneous Population. *Wei, Guiyi, +, J-SAC June 2013 1135-1146*

F

Fading

Achieving Full Secrecy Rate with Low Packet Delays: An Optimal Control Approach. *Mao, Zhoujia, +, J-SAC September 2013 1944-1956*

An Energy-Aware Protocol for Self-Organizing Heterogeneous LTE Systems. *Hou, I-Hong, +, J-SAC May 2013 937-946*

Analytic Design of Active Safety Systems for Vehicular Ad hoc Networks. *Nekoui, Mohammad, +, J-SAC September 2013 491-503*

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong, +, J-SAC September 2013 460-469*

Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin, +, J-SAC November 2013 2387-2396*

Diophantine Approach to Blind Interference Alignment of Homogeneous K-User 2x1 MISO Broadcast Channels. *Zhou, Qing F., +, J-SAC October 2013 2141-2153*

Distributed Opportunistic Scheduling for Wireless Ad-Hoc Networks with Block-Fading Model. *Chen, Hua, +, J-SAC November 2013 2324-2337*

Distributionally Robust Slow Adaptive OFDMA with Soft QoS via Linear Programming. *So, Anthony Man-Cho, +, J-SAC May 2013 947-958*

Erratum [to "On Secrecy Rate of the Generalized Artificial-Noise Assisted Secure Beamforming for Wiretap Channels" (Pin-Hsun Lin et al.; Sep 13)]. *J-SAC October 2013 2154*

Exploiting Partial Channel State Information for Secrecy over Wireless Channels. *Bloch, Matthieu R., +, J-SAC September 2013 1840-1849*

Hermitian Precoding for Distributed MIMO Systems with Individual Channel State Information. *Zhang, Jianwen, +, J-SAC February 2013 241-250*

Intervehicle Communication: Cox-Fox Modeling. *Jeong, Youngmin, +, J-SAC September 2013 418-433*

Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*

On Secrecy Rate of the Generalized Artificial-Noise Assisted Secure Beamforming for Wiretap Channels. *Lin, Pin-Hsun, +, J-SAC September 2013 1728-1740*

On the Design of Large Scale Wireless Systems. *Aggarwal, Rohit, +, J-SAC February 2013 215-225*

Opportunistic Spectrum Scheduling by Jointly Exploiting Channel Correlation and PU Traffic Memory. *Wang, Shanshan, +, J-SAC March 2013 394-405*

PHY-CRAM: Physical Layer Challenge-Response Authentication Mechanism for Wireless Networks. *Shan, Dan, +, J-SAC September 2013 1817-1827*

Spectral Efficiency of Distributed MIMO Systems. *Wang, Dongming, +, J-SAC October 2013 2112-2127*

Feature extraction

Fuzzy-Logic Based Framework for Spectrum Availability Assessment in Cognitive Radio Systems. *Matinmikko, Marja, +, J-SAC November 2013 2173-2184*

Femtocellular radio

Energy-Efficient Repulsive Cell Activation for Heterogeneous Cellular Networks. *Cho, Sung-rae, +, J-SAC May 2013 870-882*

Field programmable gate arrays

PHY-CRAM: Physical Layer Challenge-Response Authentication Mechanism for Wireless Networks. *Shan, Dan, +, J-SAC September 2013 1817-1827*

Filtering theory

Waveform Design for Secure SISO Transmissions and Multicasting. *Li, Ming, +, J-SAC September 2013 1864-1874*

Fitting

A Measurement Study on the Topologies of BitTorrent Networks. *Su, Majing, +, J-SAC September 2013 338-347*

Forward error correction

Relay-Assisted Rateless Layered Multiple Description Video Delivery. *Nazir, Sajid, +, J-SAC August 2013 1629-1637*

Frequency allocation

A Generic Mathematical Model Based on Fuzzy Set Theory for Frequency Reuse in Cellular Networks. *Tao, Xiaofeng, +, J-SAC May 2013 861-869*

Spectrum and Energy Efficient Relay Station Placement in Cognitive Radio Networks. *Yue, Hao, +, J-SAC May 2013 883-893*

Frequency division multiple access

An Energy-Aware Protocol for Self-Organizing Heterogeneous LTE Systems. *Hou, I-Hong, +, J-SAC May 2013 937-946*

- Distributionally Robust Slow Adaptive OFDMA with Soft QoS via Linear Programming. *So, Anthony Man-Cho*, +, *J-SAC May 2013 947-958*
- Multuser Resource Allocation Optimization Using Bandwidth-Power Product in Cognitive Radio Networks. *Tachwali, Yahia*, +, *J-SAC March 2013 451-463*
- On the Design of Large Scale Wireless Systems. *Aggarwal, Rohit*, +, *J-SAC February 2013 215-225*

Frequency division multiplexing

- Cognitive Orthogonal Precoder for Two-Tiered Networks Deployment. *Maso, Marco*, +, *J-SAC November 2013 2338-2348*

Frequency-domain analysis

- On the Measurement of Duty Cycle and Channel Occupancy Rate. *Lehtomaki, Janne J.*, +, *J-SAC November 2013 2555-2565*

Fuzzy logic

- Fuzzy-Logic Based Framework for Spectrum Availability Assessment in Cognitive Radio Systems. *Matinmikko, Marja*, +, *J-SAC November 2013 2173-2184*

Fuzzy set theory

- A Generic Mathematical Model Based on Fuzzy Set Theory for Frequency Reuse in Cellular Networks. *Tao, Xiaofeng*, +, *J-SAC May 2013 861-869*

G

Game theory

- Admissible Length Study in Anonymous Networking: A Detection Theoretic Perspective. *Mishra, Abhishek*, +, *J-SAC September 2013 1957-1969*
- Cooperation Dynamics on Collaborative Social Networks of Heterogeneous Population. *Wei, Guiyi*, +, *J-SAC June 2013 1135-1146*
- Database-Assisted Distributed Spectrum Sharing. *Chen, Xu*, +, *J-SAC November 2013 2349-2361*
- Distributed Spectrum Access with Spatial Reuse. *Chen, Xu*, +, *J-SAC March 2013 593-603*
- Dynamic Popular Content Distribution in Vehicular Networks using Coalition Formation Games. *Wang, Tianyu*, +, *J-SAC September 2013 538-547*
- Game Theoretic Aspects of the Multi-Channel ALOHA Protocol in Cognitive Radio Networks. *Cohen, Kobi*, +, *J-SAC November 2013 2276-2288*
- Hierarchical Market Competition in a Duopoly Super Wi-Fi Spectrum Market. *Kim, Hyoil*, +, *J-SAC November 2013 2580-2591*
- Optimal Pricing Effect on Equilibrium Behaviors of Delay-Sensitive Users in Cognitive Radio Networks. *Tran, Nguyen H.*, +, *J-SAC November 2013 2566-2579*
- Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N.*, +, *J-SAC May 2013 916-925*
- Robust MIMO Cognitive Radio Systems Under Interference Temperature Constraints. *Yang, Yang*, +, *J-SAC November 2013 2465-2482*
- The Role of Aggregators in Smart Grid Demand Response Markets. *Gkatzikis, Lazaros*, +, *J-SAC July 2013 1247-1257*

Games

- Automatic and Autonomous Load Management in Peer-to-Peer Virtual Environments. *Almashor, Mahathir*, +, *J-SAC September 2013 310-324*
- Coding-Aware Peer-to-Peer Data Repair in Multi-Rate Wireless Networks: A Game Theoretic Analysis. *Lu, Hsiao-Chen*, +, *J-SAC September 2013 391-398*
- Efficiency Resource Allocation for Device-to-Device Underlay Communication Systems: A Reverse Iterative Combinatorial Auction Based Approach. *Xu, Chen*, +, *J-SAC September 2013 348-358*

Gaussian channels

- Key Agreement over a Generalized Multiple Access Channel Using Noiseless and Noisy Feedback. *Salimi, Somayeh*, +, *J-SAC September 2013 1765-1778*
- Linear Function Computation in Networks: Duality and Constant Gap Results. *Zhan, Jiening*, +, *J-SAC April 2013 620-638*
- Relay Deployment in Cellular Networks: Planning and Optimization. *Guo, Weisi*, +, *J-SAC August 2013 1597-1606*
- Throughput Maximization for the Gaussian Relay Channel with Energy Harvesting Constraints. *Huang, Chuan*, +, *J-SAC August 2013 1469-1479*
- Wireless Multicast Relay Networks with Limited-Rate Source-Conferencing. *Du, Jinfeng*, +, *J-SAC August 2013 1390-1401*

Gaussian noise

- Impact of In-Network Aggregation on Target Tracking Quality Under Network Delays. *Wei, Wei*, +, *J-SAC April 2013 808-818*

Gaussian processes

- Large System Analysis of Sum Capacity in the Gaussian MIMO Broadcast Channel. *Guthy, Christian*, +, *J-SAC February 2013 149-159*
- Robust Decentralized State Estimation and Tracking for Power Systems via Network Gossiping. *Li, Xiao*, +, *J-SAC July 2013 1184-1194*

Geometry

- Energy Efficient Heterogeneous Cellular Networks. *Soh, Yong Sheng*, +, *J-SAC May 2013 840-850*
- On the Design of Large Scale Wireless Systems. *Aggarwal, Rohit*, +, *J-SAC February 2013 215-225*
- Wideband Channel Modeling and Inter-carrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems. *Cheng, Xiang*, +, *J-SAC September 2013 434-448*

Graph theory

- A Distributed Algorithm for Identifying Information Hubs in Social Networks. *Ilyas, Muhammad U.*, +, *J-SAC September 2013 629-640*
- A New Adaptive Small-Cell Architecture. *Ni, Wei*, +, *J-SAC May 2013 829-839*
- Competing Memes Propagation on Networks: A Network Science Perspective. *Wei, Xuetao*, +, *J-SAC June 2013 1049-1060*
- From Technological Networks to Social Networks. *Chen, Kwang-Cheng*, +, *J-SAC September 2013 548-572*
- Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic*, +, *J-SAC August 2013 1455-1468*
- Low Delay MAC Scheduling for Frequency-Agile Multi-Radio Wireless Networks. *Chatterjee, Avhishek*, +, *J-SAC November 2013 2262-2275*
- Scaling Laws for Connectivity in Random Threshold Graph Models with Non-Negative Fitness Variables. *Makowski, Armand M.*, +, *J-SAC September 2013 573-583*

Greedy algorithms

- Opportunistic Spectrum Scheduling by Jointly Exploiting Channel Correlation and PU Traffic Memory. *Wang, Shanshan*, +, *J-SAC March 2013 394-405*
- Optimal Computation of Symmetric Boolean Functions in Collocated Networks. *Kowshik, Hemant*, +, *J-SAC April 2013 639-654*
- Resource-Minimized Channel Assignment for Multi-Transceiver Cognitive Radio Networks. *Irwin, Ryan E.*, +, *J-SAC March 2013 442-450*
- Toward Efficient Distributed Algorithms for In-Network Binary Operator Tree Placement in Wireless Sensor Networks. *Lu, Zongqing*, +, *J-SAC April 2013 743-755*

H

Hadamard transforms

- Accelerating Peer-to-Peer File Sharing with Social Relations. *Wang, Haiyang*, +, *J-SAC September 2013 66-74*

Hamming distance

- A Naming Scheme for P2P Web Hosting. *Bari, Md. Faizul*, +, *J-SAC September 2013 299-309*

Hermitian matrices

- Hermitian Precoding for Distributed MIMO Systems with Individual Channel State Information. *Zhang, Jianwen*, +, *J-SAC February 2013 241-250*

Heuristic algorithms

- Moving Big Data to The Cloud: An Online Cost-Minimizing Approach. *Zhang, Linqun*, +, *J-SAC December 2013 2710-2721*

Heuristic programming

- Elastic Spectrum Allocation for Time-Varying Traffic in FlexGrid Optical Networks. *Klinkowski, Miroslaw*, +, *J-SAC January 2013 26-38*

Hidden Markov models

- HMM-Based Malicious User Detection for Robust Collaborative Spectrum Sensing. *He, Xiaofan*, +, *J-SAC November 2013 2196-2208*

High-speed networks

- SR-IOV Based Network Interrupt-Free Virtualization with Event Based Polling. *Guan, HaiBing*, +, *J-SAC December 2013 2596-2609*

HVAC

- Heterogeneous Delay Tolerant Task Scheduling and Energy Management in the Smart Grid with Renewable Energy. *Chen, Shengbo*, +, *J-SAC July 2013 1258-1267*

I

IEEE 802.11g Standard

IEEE 802.11p Based Vehicular Networking Operational Pilot Field Measurement. *Sukuvaara, Timo*, +, *J-SAC September 2013 409-417*

IEEE standards

On Topology Attack of a Smart Grid: Undetectable Attacks and Countermeasures. *Kim, Jinsub*, +, *J-SAC July 2013 1294-1305*

Robust Decentralized State Estimation and Tracking for Power Systems via Network Gossiping. *Li, Xiao*, +, *J-SAC July 2013 1184-1194*

Importance sampling

A Measurement Framework for Directed Networks. *Salehi, Mostafa*, +, *J-SAC June 2013 1007-1016*

Impulse noise

Impulsive Noise Mitigation in Powerline Communications Using Sparse Bayesian Learning. *Lin, Jing*, +, *J-SAC July 2013 1172-1183*

Incentive schemes

Incentive Provision and Job Allocation in Social Cloud Systems. *Zhang, Yu*, +, *J-SAC September 2013 607-617*

Indexes

Privacy-Preserving Energy Theft Detection in Smart Grids: A P2P Computing Approach. *Salinas, Sergio*, +, *J-SAC September 2013 257-267*

A Naming Scheme for P2P Web Hosting. *Bari, Md. Faizul*, +, *J-SAC September 2013 299-309*

Indium phosphide

THash: A Practical Network Optimization Scheme for DHT-based P2P Applications. *Sun, Yi*, +, *J-SAC September 2013 379-390*

Indoor communication

Downlink Throughput Enhancement of a Cellular Network using Two-Hop User-Deployable Indoor Relays. *Devar, Sendilramkumar*, +, *J-SAC August 2013 1607-1617*

Inference mechanisms

The Wiring Economy Principle for Designing Inference Networks. *Varshney, Lav R.*, +, *J-SAC June 2013 1095-1104*

Information dissemination

Conjoining Speeds up Information Diffusion in Overlaying Social-Physical Networks. *Yagan, Osman*, +, *J-SAC June 2013 1038-1048*

EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant Wireless Sensor and Actor Networks. *He, Shibo*, +, *J-SAC September 2013 75-84*

On Budgeted Influence Maximization in Social Networks. *Nguyen, Huy*, +, *J-SAC June 2013 1084-1094*

Information retrieval

A Distributed Algorithm for Identifying Information Hubs in Social Networks. *Ilyas, Muhammad U.*, +, *J-SAC September 2013 629-640*

Information theory

Admissible Length Study in Anonymous Networking: A Detection Theoretic Perspective. *Mishra, Abhishek*, +, *J-SAC September 2013 1957-1969*

Increasing Smart Meter Privacy Through Energy Harvesting and Storage Devices. *Tan, Onur*, +, *J-SAC July 2013 1331-1341*

Integer programming

Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays. *Wang, Shaowei*, +, *J-SAC November 2013 2432-2441*

Elastic Spectrum Allocation for Time-Varying Traffic in FlexGrid Optical Networks. *Klinkowski, Mirosław*, +, *J-SAC January 2013 26-38*

Resource-Minimized Channel Assignment for Multi-Transceiver Cognitive Radio Networks. *Irwin, Ryan E.*, +, *J-SAC March 2013 442-450*

The Wiring Economy Principle for Designing Inference Networks. *Varshney, Lav R.*, +, *J-SAC June 2013 1095-1104*

Intercarrier interference

Wideband Channel Modeling and Intercarrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems. *Cheng, Xiang*, +, *J-SAC September 2013 434-448*

Interconnected systems

Guest Editorial: Network science. *Basu, P.*, +, *J-SAC June 2013 993-996*

Interference

Efficiency Resource Allocation for Device-to-Device Underlay Communication Systems: A Reverse Iterative Combinatorial Auction Based Approach. *Xu, Chen*, +, *J-SAC September 2013 348-358*

Interference (signal)

A Generic Mathematical Model Based on Fuzzy Set Theory for Frequency Reuse in Cellular Networks. *Tao, Xiaofeng*, +, *J-SAC May 2013 861-869*

An Energy-Aware Protocol for Self-Organizing Heterogeneous LTE Systems. *Hou, I-Hong*, +, *J-SAC May 2013 937-946*

Cognitive Radio Network Duality and Algorithms for Utility Maximization. *Zheng, Liang*, +, *J-SAC March 2013 500-513*

Inter-Cell Interference in Noncooperative TDD Large Scale Antenna Systems. *Fernandes, Fabio*, +, *J-SAC February 2013 192-201*

Sum Secure Degrees of Freedom of Two-Unicast Layered Wireless Networks. *Xie, Jianwei*, +, *J-SAC September 2013 1931-1943*

Interference suppression

Cognitive Access Policies under a Primary ARQ Process via Forward-Backward Interference Cancellation. *Michelusi, Nicolo*, +, *J-SAC November 2013 2374-2386*

Cognitive Orthogonal Precoder for Two-Tiered Networks Deployment. *Maso, Marco*, +, *J-SAC November 2013 2338-2348*

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong*, +, *J-SAC September 2013 460-469*

Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin*, +, *J-SAC November 2013 2387-2396*

Diophantine Approach to Blind Interference Alignment of Homogeneous K-User 2x1 MISO Broadcast Channels. *Zhou, Qing F.*, +, *J-SAC October 2013 2141-2153*

Exploiting Orthogonally Dual-Polarized Antennas in Cooperative Cognitive Radio Networking. *Cao, Bin*, +, *J-SAC November 2013 2362-2373*

Stable Throughput in a Cognitive Wireless Network. *Fanous, Anthony*, +, *J-SAC March 2013 523-533*

Uplink Multicell Processing with Limited Backhaul via Per-Base-Station Successive Interference Cancellation. *Zhou, Lei*, +, *J-SAC October 2013 1981-1993*

Internet

A Measurement Framework for Directed Networks. *Salehi, Mostafa*, +, *J-SAC June 2013 1007-1016*

Balancing Spectral Efficiency, Energy Consumption, and Fairness in Future Heterogeneous Wireless Systems with Reconfigurable Devices. *Amin, Rahul*, +, *J-SAC May 2013 969-980*

Characterizing Inter-Domain Rerouting by Betweenness Centrality after Disruptive Events. *Liu, Yujing*, +, *J-SAC June 2013 1147-1157*

Community Detection in Scale-Free Networks: Approximation Algorithms for Maximizing Modularity. *Dinh, Thang N.*, +, *J-SAC June 2013 997-1006*

From Technological Networks to Social Networks. *Chen, Kwang-Cheng*, +, *J-SAC September 2013 548-572*

Interconnection Framework for mHealth and Remote Monitoring Based on the Internet of Things. *Jara, Antonio J.*, +, *J-SAC September 2013 47-65*

On Characterizing Peer-to-Peer Streaming Traffic. *Yang, Jie*, +, *J-SAC September 2013 175-188*

On Set Size Distribution Estimation and the Characterization of Large Networks via Sampling. *Murai, Fabricio*, +, *J-SAC June 2013 1017-1025*

Preventing Piracy Content Propagation in Peer-to-Peer Networks. *Zhang, Hongli*, +, *J-SAC September 2013 105-114*

Waterfall: Video Distribution by Cascading Multiple Swarms. *Park, Kunwoo*, +, *J-SAC September 2013 165-174*

Internet telephony

RECOG: A Sensing-Based Cognitive Radio System with Real-Time Application Support. *Tan, Kefeng*, +, *J-SAC November 2013 2504-2516*

Internetworking

Distributed Privacy-Preserving Aggregation of Metering Data in Smart Grids. *Rottondi, Cristina*, +, *J-SAC July 2013 1342-1354*

IPTV

Providing Fast Channel Switching in P2P IPTV Systems. *Manzato, Daniel A. G.*, +, *J-SAC September 2013 326-337*

Iterative decoding

Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin*, +, *J-SAC November 2013 2387-2396*

Iterative methods

Bidirectional Cellular Relay Network with Distributed Relaying. *Wang, Fanggang*, +, *J-SAC October 2013 2082-2098*

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong*, +, *J-SAC September 2013 460-469*

Demand Response Management via Real-Time Electricity Price Control in Smart Grids. *Qian, Li Ping*, +, *J-SAC July 2013 1268-1280*

Ergodic Sum Capacity of Spectrum-Sharing Multiple Access with Collision Metric. *Khoshkholgh, Mohammad G.*, +, *J-SAC November 2013 2528-2540*

Multuser Resource Allocation Optimization Using Bandwidth-Power Product in Cognitive Radio Networks. *Tachwali, Yahia*, +, *J-SAC March 2013 451-463*

PAR-Aware Large-Scale Multi-User MIMO-OFDM Downlink. *Studer, Christoph*, +, *J-SAC February 2013 303-313*
 Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks. *Gong, Shimin*, +, *J-SAC November 2013 2397-2408*
 Tractable Bayesian Social Learning on Trees. *Kanoria, Yashodhan*, +, *J-SAC April 2013 756-765*
 Virtual MIMO in Multi-Cell Distributed Antenna Systems: Coordinated Transmissions with Large-Scale CSIT. *Feng, Wei*, +, *J-SAC October 2013 2067-2081*

J

Jacobian matrices

Robust Decentralized State Estimation and Tracking for Power Systems via Network Gossiping. *Li, Xiao*, +, *J-SAC July 2013 1184-1194*

Jamming

Cooperative Spectrum Access Towards Secure Information Transfer for CRNs. *Zhang, Ning*, +, *J-SAC November 2013 2453-2464*
 On the Jamming Power Allocation for Secure Amplify-and-Forward Relaying via Cooperative Jamming. *Park, Ki-Hong*, +, *J-SAC September 2013 1741-1750*
 Sum Secure Degrees of Freedom of Two-Unicast Layered Wireless Networks. *Xie, Jianwei*, +, *J-SAC September 2013 1931-1943*

L

Large-scale systems

Guest Editorial: Large-Scale Multiple Antenna Wireless Systems. *Matthaiou, Michail*, +, *J-SAC February 2013 113-116*

Learning (artificial intelligence)

Complexity of Spectrum Activity and Benefits of Reinforcement Learning for Dynamic Channel Selection. *Macaluso, Irene*, +, *J-SAC November 2013 2237-2248*
 Distributed Spectrum Access with Spatial Reuse. *Chen, Xu*, +, *J-SAC March 2013 593-603*
 Machine Learning Techniques for Cooperative Spectrum Sensing in Cognitive Radio Networks. *Thilina, Karaputugala Madushan*, +, *J-SAC November 2013 2209-2221*

Linear codes

Hermitian Precoding for Distributed MIMO Systems with Individual Channel State Information. *Zhang, Jianwen*, +, *J-SAC February 2013 241-250*
 Large System Analysis of Linear Precoding in MISO Broadcast Channels with Confidential Messages. *Geraci, Giovanni*, +, *J-SAC September 2013 1660-1671*
 Linear Coding Schemes for the Distributed Computation of Subspaces. *Lalitha, V.*, +, *J-SAC April 2013 678-690*
 Spectrum Assignment and Sharing for Delay Minimization in Multi-Hop Multi-Flow CRNs. *Li, Wei*, +, *J-SAC November 2013 2483-2493*
 Wireless Multicast Relay Networks with Limited-Rate Source-Conferencing. *Du, Jinfeng*, +, *J-SAC August 2013 1390-1401*

Linear programming

Distributionally Robust Slow Adaptive OFDMA with Soft QoS via Linear Programming. *So, Anthony Man-Cho*, +, *J-SAC May 2013 947-958*
 Effective Utilization of User Resources in PA-VoD Systems with Channel Heterogeneity. *Chang, Le*, +, *J-SAC September 2013 227-236*
 Elastic Spectrum Allocation for Time-Varying Traffic in FlexGrid Optical Networks. *Klinkowski, Miroslaw*, +, *J-SAC January 2013 26-38*
 Resource-Minimized Channel Assignment for Multi-Transceiver Cognitive Radio Networks. *Irwin, Ryan E.*, +, *J-SAC March 2013 442-450*

Linear systems

Topological Conditions for In-Network Stabilization of Dynamical Systems. *Pajic, Miroslav*, +, *J-SAC April 2013 794-807*

Load dispatching

Bidirectional Energy Trading and Residential Load Scheduling with Electric Vehicles in the Smart Grid. *Kim, Byung-Gook*, +, *J-SAC July 2013 1219-1234*

Load flow

Robust Decentralized State Estimation and Tracking for Power Systems via Network Gossiping. *Li, Xiao*, +, *J-SAC July 2013 1184-1194*

Load forecasting

GreenCharge: Managing Renewable Energy in Smart Buildings. *Mishra, Aditya*, +, *J-SAC July 2013 1281-1293*

Load management

Automatic and Autonomous Load Management in Peer-to-Peer Virtual Environments. *Almashor, Mahathir*, +, *J-SAC September 2013 310-324*

Load regulation

nPlug: An Autonomous Peak Load Controller. *Ganu, Tanuja*, +, *J-SAC July 2013 1205-1218*

Log normal distribution

Sum Rate Analysis of ZF Receivers in Distributed MIMO Systems. *Matthaiou, Michail*, +, *J-SAC February 2013 180-191*

Logic gates

Moving Big Data to The Cloud: An Online Cost-Minimizing Approach. *Zhang, Linquan*, +, *J-SAC December 2013 2710-2721*

Long Term Evolution

An Energy-Aware Protocol for Self-Organizing Heterogeneous LTE Systems. *Hou, I-Hong*, +, *J-SAC May 2013 937-946*
 Energy-Efficient Coordinated Scheduling Mechanism for Cellular Communication Systems with Multiple Component Carriers. *Chen, Huaxia*, +, *J-SAC May 2013 959-968*
 Relay-Assisted Rateless Layered Multiple Description Video Delivery. *Nazir, Sajid*, +, *J-SAC August 2013 1629-1637*

Lyapunov methods

Selfish Mules: Social Profit Maximization in Sparse Sensor Networks using Rationally-Selfish Human Relays. *Yang, Shusen*, +, *J-SAC June 2013 1124-1134*

M

Maintenance engineering

Capacity and Security of Heterogeneous Distributed Storage Systems. *Ernvall, Toni*, +, *J-SAC December 2013 2701-2709*
 Coding-Aware Peer-to-Peer Data Repair in Multi-Rate Wireless Networks: A Game Theoretic Analysis. *Lu, Hsiao-Chen*, +, *J-SAC September 2013 391-398*

Markov processes

Exploiting Orthogonally Dual-Polarized Antennas in Cooperative Cognitive Radio Networking. *Cao, Bin*, +, *J-SAC November 2013 2362-2373*
 Key Agreement over a Generalized Multiple Access Channel Using Noiseless and Noisy Feedback. *Salimi, Somayeh*, +, *J-SAC September 2013 1765-1778*
 Opportunistic Spectrum Scheduling by Jointly Exploiting Channel Correlation and PU Traffic Memory. *Wang, Shanshan*, +, *J-SAC March 2013 394-405*
 Spectrum Assignment and Sharing for Delay Minimization in Multi-Hop Multi-Flow CRNs. *Li, Wei*, +, *J-SAC November 2013 2483-2493*
 Throughput of Cognitive Radio Systems with Finite Blocklength Codes. *Ozcan, Gozde*, +, *J-SAC November 2013 2541-2554*
 Whether and where to code in the wireless packet erasure relay channel. *Shi, X.*, +, *J-SAC Aug. 2013 1379-1389*

Matched filters

Fuzzy-Logic Based Framework for Spectrum Availability Assessment in Cognitive Radio Systems. *Matinmikko, Marja*, +, *J-SAC November 2013 2173-2184*
 Massive MIMO in the UL/DL of Cellular Networks: How Many Antennas Do We Need?. *Hoydis, Jakob*, +, *J-SAC February 2013 160-171*

Mathematical analysis

CAH-MAC: Cooperative ADHOC MAC for Vehicular Networks. *Bharati, Sailesh*, +, *J-SAC September 2013 470-479*
 Distributed Opportunistic Scheduling for Wireless Ad-Hoc Networks with Block-Fading Model. *Chen, Hua*, +, *J-SAC November 2013 2324-2337*

Mathematical model

Privacy-Preserving Energy Theft Detection in Smart Grids: A P2P Computing Approach. *Salinas, Sergio*, +, *J-SAC September 2013 257-267*

Matrix algebra

Element-Based Lattice Reduction Algorithms for Large MIMO Detection. *Zhou, Qi*, +, *J-SAC February 2013 274-286*
 Information Leakage Neutralization for the Multi-Antenna Non-Regenerative Relay-Assisted Multi-Carrier Interference Channel. *Ho, Zuleita*, +, *J-SAC September 2013 1672-1686*
 On the Capacity of Large-MIMO Block-Fading Channels. *Yang, Wei*, +, *J-SAC February 2013 117-132*
 Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N.*, +, *J-SAC May 2013 916-925*

- Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. *Wu, Chih-Yao, +, J-SAC September 2013 1687-1700*
- Matrix decomposition**
- Privacy-Preserving Energy Theft Detection in Smart Grids: A P2P Computing Approach. *Salinas, Sergio, +, J-SAC September 2013 257-267*
- Maximum likelihood decoding**
- Reliability-Rate Tradeoff in Large-Scale Multiple Access Relay Networks. *Kim, Sang Wu, +, J-SAC August 2013 1414-1422*
- Maximum likelihood estimation**
- On Credibility Estimation Tradeoffs in Assured Social Sensing. *Wang, Dong, +, J-SAC June 2013 1026-1037*
- Primary User Traffic Estimation for Dynamic Spectrum Access. *Gabran, Wesam, +, J-SAC March 2013 544-558*
- Traffic-Aware Channel Sensing Order in Dynamic Spectrum Access Networks. *Liu, Chun-Hao, +, J-SAC November 2013 2312-2323*
- Mean square error methods**
- Bidirectional Cellular Relay Network with Distributed Relaying. *Wang, Fanggang, +, J-SAC October 2013 2082-2098*
- Impact of In-Network Aggregation on Target Tracking Quality Under Network Delays. *Wei, Wei, +, J-SAC April 2013 808-818*
- Measurement systems**
- On the Measurement of Duty Cycle and Channel Occupancy Rate. *Lehtomaki, Janne J., +, J-SAC November 2013 2555-2565*
- Media streaming**
- On Characterizing Peer-to-Peer Streaming Traffic. *Yang, Jie, +, J-SAC September 2013 175-188*
- Performance Investigation on Request Collisions in Peer-To-Peer Live Streaming Systems: Problems and Algorithms. *Chen, Yishuai, +, J-SAC September 2013 189-199*
- Medical services**
- Body Area Network Security: A Fuzzy Attribute-Based Signcryption Scheme. *Hu, Chunqiang, +, J-SAC September 2013 37-46*
- Emerging technologies in communications. *Ohta, Naohisa, +, J-SAC September 2013 1-5*
- Interconnection Framework for mHealth and Remote Monitoring Based on the Internet of Things. *Jara, Antonio J., +, J-SAC September 2013 47-65*
- Message authentication**
- BANA: Body Area Network Authentication Exploiting Channel Characteristics. *Shi, Lu, +, J-SAC September 2013 1803-1816*
- Verifiable Privacy-Preserving Aggregation in People-Centric Urban Sensing Systems. *Zhang, Rui, +, J-SAC September 2013 268-278*
- Message passing**
- Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*
- Metering**
- GreenCharge: Managing Renewable Energy in Smart Buildings. *Mishra, Aditya, +, J-SAC July 2013 1281-1293*
- Middleware**
- ConSub: Incentive-Based Content Subscribing in Selfish Opportunistic Mobile Networks. *Zhou, Huan, +, J-SAC September 2013 669-679*
- MIMO**
- A Coordinated Approach to Channel Estimation in Large-Scale Multiple-Antenna Systems. *Yin, Haifan, +, J-SAC February 2013 264-273*
- A Novel AWSF Algorithm for DOA Estimation in Virtual MIMO Systems. *Chen, Haihua, +, J-SAC October 2013 1994-2003*
- Achievable Spatial Throughput in Multi-Antenna Cognitive Underlay Networks with Multi-Hop Relaying. *Zaidi, Syed Ali Raza, +, J-SAC August 2013 1543-1558*
- Beamforming via Large and Dense Antenna Arrays Above a Clutter. *Alrabadi, Osama N., +, J-SAC February 2013 314-325*
- Diophantine Approach to Blind Interference Alignment of Homogeneous K-User 2x1 MISO Broadcast Channels. *Zhou, Qing F., +, J-SAC October 2013 2141-2153*
- Diversity Limits of Compact Broadband Multi-Antenna Systems. *Taluja, Pawandeep S., +, J-SAC February 2013 326-337*
- Element-Based Lattice Reduction Algorithms for Large MIMO Detection. *Zhou, Qi, +, J-SAC February 2013 274-286*
- Energy Efficient Transmissions in MIMO Cognitive Radio Networks. *Fu, Liqun, +, J-SAC November 2013 2420-2431*
- Energy-Spectral Efficiency Trade-Off in Virtual MIMO Cellular Systems. *Hong, Xuemin, +, J-SAC October 2013 2128-2140*
- Guest Editorial: Theories and Methods for Advanced Wireless Relays — Issue II. *Hua, Yingbo, +, J-SAC August 2013 1361-1367*
- Guest Editorial: Virtual MIMO. *Zhou, Yiqing, +, J-SAC October 2013 1977-1980*
- Hermitian Precoding for Distributed MIMO Systems with Individual Channel State Information. *Zhang, Jianwen, +, J-SAC February 2013 241-250*
- Joint Base Station Clustering and Beamformer Design for Partial Coordinated Transmission in Heterogeneous Networks. *Hong, Mingyi, +, J-SAC February 2013 226-240*
- Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*
- Joint Spectrum and Power Efficiencies Optimization for Statistical QoS Provisionings Over SISO/MIMO Wireless Networks. *Cheng, Wenchi, +, J-SAC May 2013 903-915*
- Large System Analysis of Linear Precoding in MISO Broadcast Channels with Confidential Messages. *Geraci, Giovanni, +, J-SAC September 2013 1660-1671*
- Large System Analysis of Sum Capacity in the Gaussian MIMO Broadcast Channel. *Guthy, Christian, +, J-SAC February 2013 149-159*
- Lightweight User Grouping with Flexible Degrees of Freedom in Virtual MIMO. *Karimi, Ouldooz Baghban, +, J-SAC October 2013 2004-2012*
- Massive MIMO in the UL/DL of Cellular Networks: How Many Antennas Do We Need?. *Hoydis, Jakob, +, J-SAC February 2013 160-171*
- Mode Selection and Power Optimization for Energy Efficiency in Uplink Virtual MIMO Systems. *Rui, Yun, +, J-SAC May 2013 926-936*
- On Capacity of Large-Scale MIMO Multiple Access Channels with Distributed Sets of Correlated Antennas. *Zhang, Jun, +, J-SAC February 2013 133-148*
- On the Capacity of Large-MIMO Block-Fading Channels. *Yang, Wei, +, J-SAC February 2013 117-132*
- On the Optimality of Linear Precoding for Secrecy in the MIMO Broadcast Channel. *Fakoorian, S. Ali. A., +, J-SAC September 2013 1701-1713*
- PAR-Aware Large-Scale Multi-User MIMO-OFDM Downlink. *Studer, Christoph, +, J-SAC February 2013 303-313*
- Performance of Conjugate and Zero-Forcing Beamforming in Large-Scale Antenna Systems. *Yang, Hong, +, J-SAC February 2013 172-179*
- Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N., +, J-SAC May 2013 916-925*
- Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. *Wu, Chih-Yao, +, J-SAC September 2013 1687-1700*
- QoS-Aware Power Allocations for Maximizing Effective Capacity Over Virtual-MIMO Wireless Networks. *Cheng, Wenchi, +, J-SAC October 2013 2043-2057*
- Reliability-Rate Tradeoff in Large-Scale Multiple Access Relay Networks. *Kim, Sang Wu, +, J-SAC August 2013 1414-1422*
- Robust MIMO Cognitive Radio Systems Under Interference Temperature Constraints. *Yang, Yang, +, J-SAC November 2013 2465-2482*
- Spatial Degrees of Freedom of Large Distributed MIMO Systems and Wireless Ad Hoc Networks. *Ozgur, Ayfer, +, J-SAC February 2013 202-214*
- Spectral Efficiency of Distributed MIMO Systems. *Wang, Dongming, +, J-SAC October 2013 2112-2127*
- Spectrally Efficient Time-Frequency Training OFDM for Mobile Large-Scale MIMO Systems. *Dai, Linglong, +, J-SAC February 2013 251-263*
- Spectrum-Efficient Coherent Optical OFDM for Transport Networks. *Dai, Linglong, +, J-SAC January 2013 62-74*
- Sum Rate Analysis of ZF Receivers in Distributed MIMO Systems. *Matthaiou, Michail, +, J-SAC February 2013 180-191*
- Transmit Solutions for MIMO Wiretap Channels using Alternating Optimization. *Li, Qiang, +, J-SAC September 2013 1714-1727*
- Two-Stage Channel Quantization for Scheduling and Beamforming in Network MIMO Systems: Feedback Design and Scaling Laws. *Khoshnevis, Behrouz, +, J-SAC October 2013 2028-2042*
- Virtual MIMO in Multi-Cell Distributed Antenna Systems: Coordinated Transmissions with Large-Scale CSIT. *Feng, Wei, +, J-SAC October 2013 2067-2081*
- Minimax techniques**
- Min-Max Power Allocation in Cellular Networks With Coordinated Beamforming. *Zakhour, Randa, +, J-SAC February 2013 287-302*
- Virtual MIMO in Multi-Cell Distributed Antenna Systems: Coordinated Transmissions with Large-Scale CSIT. *Feng, Wei, +, J-SAC October 2013 2067-2081*

Minimization

- Bidirectional Cellular Relay Network with Distributed Relaying. *Wang, Fanggang*, +, *J-SAC October 2013 2082-2098*
 Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N.*, +, *J-SAC May 2013 916-925*

Mixers (circuits)

- Frequency-Agile Multiband Quadrature Sigma-Delta Modulator for Cognitive Radio: Analysis, Design and Digital Post-Processing. *Marttila, Jaakko*, +, *J-SAC November 2013 2222-2236*

Mobile ad hoc networks

- Continuous-Time Analysis of the Simple Averaging Scheme for Global Clock Synchronization in Sparsely Populated MANETs. *Sasabe, Masahiro*, +, *J-SAC April 2013 782-793*
 Energy-Efficient Repulsive Cell Activation for Heterogeneous Cellular Networks. *Cho, Sung-rae*, +, *J-SAC May 2013 870-882*
 Energy-Spectrum Efficiency Tradeoff for Video Streaming over Mobile Ad Hoc Networks. *Zhou, Liang*, +, *J-SAC May 2013 981-991*

Mobile communication

- A Framework for Cooperative Resource Management in Mobile Cloud Computing. *Kaewpuang, Rakpong*, +, *J-SAC December 2013 2685-2700*
 A Novel Cooperation Strategy for Mobile Health Applications. *Silva, Bruno M. C.*, +, *J-SAC September 2013 28-36*
 Estimating the Cardinality of a Mobile Peer-to-Peer Network. *Chen, Shipping*, +, *J-SAC September 2013 359-368*
 Guest Editorial Spectrum and Energy Efficient Design of Wireless Communication Networks: Part I. *Yang, Yang*, +, *J-SAC May 2013 825-828*
 Guest Editorial: Virtual MIMO. *Zhou, Yiqing*, +, *J-SAC October 2013 1977-1980*
 mHealth Technologies for Chronic Diseases and Elders: A Systematic Review. *Chiarini, Giovanni*, +, *J-SAC September 2013 6-18*
 Opportunistic Routing in Intermittently Connected Mobile P2P Networks. *Wang, Shengling*, +, *J-SAC September 2013 369-378*
 Self-Adaptive Context Data Distribution with Quality Guarantees in Mobile P2P Networks. *Fanelli, Mario*, +, *J-SAC September 2013 115-131*

Mobile computing

- A Novel Cooperation Strategy for Mobile Health Applications. *Silva, Bruno M. C.*, +, *J-SAC September 2013 28-36*
 ConSub: Incentive-Based Content Subscribing in Selfish Opportunistic Mobile Networks. *Zhou, Huan*, +, *J-SAC September 2013 669-679*
 Estimating the Cardinality of a Mobile Peer-to-Peer Network. *Chen, Shipping*, +, *J-SAC September 2013 359-368*
 Fully Anonymous Profile Matching in Mobile Social Networks. *Liang, Xi-aohui*, +, *J-SAC September 2013 641-655*
 Intrinsic Information of Wideband Channels. *Shen, Yuan*, +, *J-SAC September 2013 1875-1888*
 Opportunistic Routing in Intermittently Connected Mobile P2P Networks. *Wang, Shengling*, +, *J-SAC September 2013 369-378*
 Privacy-Preserving Profile Matching for Proximity-Based Mobile Social Networking. *Zhang, Rui*, +, *J-SAC September 2013 656-668*
 Verifiable Privacy-Preserving Aggregation in People-Centric Urban Sensing Systems. *Zhang, Rui*, +, *J-SAC September 2013 268-278*

Mobile handsets

- Opportunistic Routing in Intermittently Connected Mobile P2P Networks. *Wang, Shengling*, +, *J-SAC September 2013 369-378*
 Selfish Mules: Social Profit Maximization in Sparse Sensor networks using Rationally-Selfish Human Relays. *Yang, Shusen*, +, *J-SAC June 2013 1124-1134*

Mobile radio

- A Holistic Approach to Service Delivery in Driver-in-the-Loop Vehicular CPS. *Li, Xu*, +, *J-SAC September 2013 513-522*
 A Novel AWSF Algorithm for DOA Estimation in Virtual MIMO Systems. *Chen, Haihua*, +, *J-SAC October 2013 1994-2003*
 Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong*, +, *J-SAC September 2013 460-469*
 Designing Two-Dimensional Spectrum Auctions for Mobile Secondary Users. *Zhu, Yuefei*, +, *J-SAC March 2013 604-613*
 Fully Anonymous Profile Matching in Mobile Social Networks. *Liang, Xi-aohui*, +, *J-SAC September 2013 641-655*
 Lightweight User Grouping with Flexible Degrees of Freedom in Virtual MIMO. *Karimi, Ouldooz Baghban*, +, *J-SAC October 2013 2004-2012*
 Spectrally Efficient Time-Frequency Training OFDM for Mobile Large-Scale MIMO Systems. *Dai, Linglong*, +, *J-SAC February 2013 251-263*

Mobile robots

- Erratum. *J-SAC August 2013 1638*

Mobility management (mobile radio)

- CAH-MAC: Cooperative ADHOC MAC for Vehicular Networks. *Bharati, Sailesh*, +, *J-SAC September 2013 470-479*
 Distributed Spectrum Access with Spatial Reuse. *Chen, Xu*, +, *J-SAC March 2013 593-603*
 Optimal Primary-User Mobility Aware Spectrum Sensing Design for Cognitive Radio Networks. *Cacciapuoti, Angela Sara*, +, *J-SAC November 2013 2161-2172*

Modulation

- Achievable Spatial Throughput in Multi-Antenna Cognitive Underlay Networks with Multi-Hop Relaying. *Zaidi, Syed Ali Raza*, +, *J-SAC August 2013 1543-1558*
 Stable Throughput in a Cognitive Wireless Network. *Fanous, Anthony*, +, *J-SAC March 2013 523-533*

Monitoring

- Dynamic Request Splitting for Interactive Cloud Applications. *Hajjat, Mohammad*, +, *J-SAC December 2013 2722-2737*
 Interconnection Framework for mHealth and Remote Monitoring Based on the Internet of Things. *Jara, Antonio J.*, +, *J-SAC September 2013 47-65*
 m-Carer: Privacy-Aware Monitoring for People with Mild Cognitive Impairment and Dementia. *Solanas, Agusti*, +, *J-SAC September 2013 19-27*

Monte Carlo methods

- On the design of a novel joint network-channel coding scheme for the multiple access relay channel. *Hernaes, M.*, +, *J-SAC August 2013 1368-1378*

Multi-access systems

- Computation over Mismatched Channels. *Karamchandani, Nikhil*, +, *J-SAC April 2013 666-677*
 Joint LDPC and Physical-Layer Network Coding for Asynchronous Bi-Directional Relaying. *Wu, Xiaofu*, +, *J-SAC August 2013 1446-1454*
 Key Agreement over a Generalized Multiple Access Channel Using Noiseless and Noisy Feedback. *Salimi, Somayeh*, +, *J-SAC September 2013 1765-1778*
 Linear Function Computation in Networks: Duality and Constant Gap Results. *Zhan, Jiening*, +, *J-SAC April 2013 620-638*
 On Capacity of Large-Scale MIMO Multiple Access Channels with Distributed Sets of Correlated Antennas. *Zhang, Jun*, +, *J-SAC February 2013 133-148*
 Relay Selection and Performance Analysis in Multiple-User Networks. *Atapattu, Saman*, +, *J-SAC August 2013 1517-1529*
 Reliability-Rate Tradeoff in Large-Scale Multiple Access Relay Networks. *Kim, Sang Wu*, +, *J-SAC August 2013 1414-1422*

Multi-agent systems

- Consensus, Polarization and Clustering of Opinions in Social Networks. *Li, Lin*, +, *J-SAC June 2013 1072-1083*

Multicast communication

- A Scalable Vehicular Network Architecture for Traffic Information Sharing. *Zhou, Jiazhen*, +, *J-SAC September 2013 85-93*
 A Unified Unicast and Multicast Routing and Forwarding Algorithm for Software-Defined Datacenter Networks. *Jia, Wen-Kang*, +, *J-SAC December 2013 2646-2657*
 Correction to "An Efficient Game Form for Multi-Rate Multicast Service Provisioning". *Kakhsod, Ali*, +, *J-SAC July 2013 1355-1356*
 Multi-Session Function Computation and Multicasting in Undirected Graphs. *Kannan, Sreeram*, +, *J-SAC April 2013 702-713*
 Waveform Design for Secure SISO Transmissions and Multicasting. *Li, Ming*, +, *J-SAC September 2013 1864-1874*

Multimedia communication

- Optimal Rate Allocation for P2P Video Streaming. *Lima, Livio*, +, *J-SAC September 2013 200-213*

Multipath channels

- BANA: Body Area Network Authentication Exploiting Channel Characteristics. *Shi, Lu*, +, *J-SAC September 2013 1803-1816*
 Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong*, +, *J-SAC September 2013 460-469*
 Intervehicle Communication: Cox-Fox Modeling. *Jeong, Youngmin*, +, *J-SAC September 2013 418-433*
 Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic*, +, *J-SAC August 2013 1455-1468*
 Spectrally Efficient Time-Frequency Training OFDM for Mobile Large-Scale MIMO Systems. *Dai, Linglong*, +, *J-SAC February 2013 251-263*

Multiple antennas

- Guest Editorial: Large-Scale Multiple Antenna Wireless Systems. *Matthaiou, Michail, +, J-SAC February 2013 113-116*
 Guest Editorial: Virtual MIMO. *Zhou, Yiqing, +, J-SAC October 2013 1977-1980*

Multiplexing

- Two-Stage Channel Quantization for Scheduling and Beamforming in Network MIMO Systems: Feedback Design and Scaling Laws. *Khoshnevis, Behrouz, +, J-SAC October 2013 2028-2042*

Multiprotocol label switching

- Design and Experimental Validation of a GMPLS/PCE Control Plane for Elastic CO-OFDM Optical Networks. *Casellas, Ramon, +, J-SAC January 2013 49-61*

Multiuser channels

- Multiuser Resource Allocation Optimization Using Bandwidth-Power Product in Cognitive Radio Networks. *Tachwali, Yahia, +, J-SAC March 2013 451-463*
 Performance of Conjugate and Zero-Forcing Beamforming in Large-Scale Antenna Systems. *Yang, Hong, +, J-SAC February 2013 172-179*

Multiuser detection

- Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin, +, J-SAC November 2013 2387-2396*
 HMM-Based Malicious User Detection for Robust Collaborative Spectrum Sensing. *He, Xiaofan, +, J-SAC November 2013 2196-2208*
 PAR-Aware Large-Scale Multi-User MIMO-OFDM Downlink. *Studer, Christoph, +, J-SAC February 2013 303-313*

N**Navigation**

- Providing Fast Channel Switching in P2P IPTV Systems. *Manzato, Daniel A. G., +, J-SAC September 2013 326-337*

Network coding

- Coding-Aware Peer-to-Peer Data Repair in Multi-Rate Wireless Networks: A Game Theoretic Analysis. *Lu, Hsiao-Chen, +, J-SAC September 2013 391-398*
 Communicating the Sum of Sources Over a Network. *Ramamoorthy, Aditya, +, J-SAC April 2013 655-665*
 Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*
 Joint LDPC and Physical-Layer Network Coding for Asynchronous Bi-Directional Relaying. *Wu, Xiaofu, +, J-SAC August 2013 1446-1454*
 Linear Function Computation in Networks: Duality and Constant Gap Results. *Zhan, Jiening, +, J-SAC April 2013 620-638*
 On the design of a novel joint network-channel coding scheme for the multiple access relay channel. *Hernaes, M., +, J-SAC August 2013 1368-1378*
 Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias, +, J-SAC September 2013 1901-1908*
 Reliability-Rate Tradeoff in Large-Scale Multiple Access Relay Networks. *Kim, Sang Wu, +, J-SAC August 2013 1414-1422*
 Spectrum Assignment and Sharing for Delay Minimization in Multi-Hop Multi-Flow CRNs. *Li, Wei, +, J-SAC November 2013 2483-2493*
 Throughput and Stability for Relay-Assisted Wireless Broadcast with Network Coding. *Sagduyu, Yalin E., +, J-SAC August 2013 1506-1516*
 Topological Conditions for In-Network Stabilization of Dynamical Systems. *Pajic, Miroslav, +, J-SAC April 2013 794-807*
 Whether and where to code in the wireless packet erasure relay channel. *Shi, X., +, J-SAC Aug. 2013 1379-1389*
 Wireless Multicast Relay Networks with Limited-Rate Source-Conferencing. *Du, Jinfeng, +, J-SAC August 2013 1390-1401*
 Wireless Network Coding via Modified 802.11 MAC/PHY: Design and Implementation on SDR. *Firooz, Mohammad H., +, J-SAC August 2013 1618-1628*

Network security

- Capacity and Security of Heterogeneous Distributed Storage Systems. *Ernvall, Toni, +, J-SAC December 2013 2701-2709*

Network servers

- Cinematic-Quality VoD in a P2P Storage Cloud: Design, Implementation and Measurements. *Liu, Fangming, +, J-SAC September 2013 214-226*

Network theory (graphs)

- Guest Editorial: Network science. *Basu, P., +, J-SAC June 2013 993-996*

- Network Flows for Function Computation. *Shah, Virag, +, J-SAC April 2013 714-730*
 Resilient Asymptotic Consensus in Robust Networks. *LeBlanc, Heath J., +, J-SAC April 2013 766-781*
 Tractable Bayesian Social Learning on Trees. *Kanoria, Yashodhan, +, J-SAC April 2013 756-765*
 Understanding Evolution of Inter-Group Relationships Using Bipartite Networks. *Ghosh, Saptarshi, +, J-SAC September 2013 584-594*

Network topology

- A Measurement Study on the Topologies of BitTorrent Networks. *Su, Majing, +, J-SAC September 2013 338-347*
 Datacast: A Scalable and Efficient Reliable Group Data Delivery Service for Data Centers. *Cao, Jiaxin, +, J-SAC December 2013 2632-2645*
 Guest Editorial: Network science. *Basu, P., +, J-SAC June 2013 993-996*

Neurophysiology

- The Wiring Economy Principle for Designing Inference Networks. *Varshney, Lav R., +, J-SAC June 2013 1095-1104*

Newton method

- Robust Decentralized State Estimation and Tracking for Power Systems via Network Gossiping. *Li, Xiao, +, J-SAC July 2013 1184-1194*

Next generation networking

- Adaptive Spectrum Control and Management in Elastic Optical Networks. *Wen, Ke, +, J-SAC January 2013 39-48*
 Distributionally Robust Slow Adaptive OFDMA with Soft QoS via Linear Programming. *So, Anthony Man-Cho, +, J-SAC May 2013 947-958*
 Elastic Spectrum Allocation for Time-Varying Traffic in FlexGrid Optical Networks. *Klinkowski, Miroslaw, +, J-SAC January 2013 26-38*
 Guest Editorial Next-Generation Spectrum-Efficient and Elastic Optical Transport Networks. *Shen, Gangxiang, +, J-SAC January 2013 1-3*
 Guest Editorial: Signal Processing for Wireless Physical Layer Security}. *Jorswieck, Eduard, +, J-SAC September 2013 1657-1659*
 Spectrum-Efficient Coherent Optical OFDM for Transport Networks. *Dai, Linglong, +, J-SAC January 2013 62-74*

Noise

- LDPC codes for soft decode-and-forward in half-duplex relay channels. *Azmi, M.H., +, J-SAC Aug. 2013 1402-1413*
 On Secrecy Rate of the Generalized Artificial-Noise Assisted Secure Beamforming for Wiretap Channels. *Lin, Pin-Hsun, +, J-SAC September 2013 1728-1740*
 On the Capacity Region of Cognitive Multiple Access over White Space Channels. *Zhang, Huazi, +, J-SAC November 2013 2517-2527*

Nonlinear dynamical systems

- Competing Memes Propagation on Networks: A Network Science Perspective. *Wei, Xuetao, +, J-SAC June 2013 1049-1060*

Numerical analysis

- Dynamic Bargaining for Relay-Based Cooperative Spectrum Sharing. *Yan, Yang, +, J-SAC August 2013 1480-1493*
 Energy-Efficient Repulsive Cell Activation for Heterogeneous Cellular Networks. *Cho, Sung-rae, +, J-SAC May 2013 870-882*
 Hierarchical Market Competition in a Duopoly Super Wi-Fi Spectrum Market. *Kim, Hoyol, +, J-SAC November 2013 2580-2591*
 On the Impact of Incentives in eMule {Analysis and Measurements of a Popular File-Sharing Application}. *Carra, Damiano, +, J-SAC September 2013 94-104*
 On the Optimality of Linear Precoding for Secrecy in the MIMO Broadcast Channel. *Fakoorian, S. Ali A., +, J-SAC September 2013 1701-1713*
 Spectrum Sensing for Cognitive Radios Based on Directional Statistics of Polarization Vectors. *Guo, Caili, +, J-SAC March 2013 379-393*

O**OFDM modulation**

- An Energy-Aware Protocol for Self-Organizing Heterogeneous LTE Systems. *Hou, I-Hong, +, J-SAC May 2013 937-946*
 Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong, +, J-SAC September 2013 460-469*
 Design and Experimental Validation of a GMPLS/PCE Control Plane for Elastic CO-OFDM Optical Networks. *Casellas, Ramon, +, J-SAC January 2013 49-61*
 Distributionally Robust Slow Adaptive OFDMA with Soft QoS via Linear Programming. *So, Anthony Man-Cho, +, J-SAC May 2013 947-958*

- Diversity Limits of Compact Broadband Multi-Antenna Systems. *Taluja, Pawandeep S., +, J-SAC February 2013 326-337*
- Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays. *Wang, Shaowei, +, J-SAC November 2013 2432-2441*
- Impulsive Noise Mitigation in Powerline Communications Using Sparse Bayesian Learning. *Lin, Jing, +, J-SAC July 2013 1172-1183*
- Multiuser Resource Allocation Optimization Using Bandwidth-Power Product in Cognitive Radio Networks. *Tachwali, Yahia, +, J-SAC March 2013 451-463*
- Multiuser Spectral Precoding for OFDM-Based Cognitive Radio Systems. *Zhou, Xiangwei, +, J-SAC March 2013 345-352*
- On the Design of Large Scale Wireless Systems. *Aggarwal, Rohit, +, J-SAC February 2013 215-225*
- PAR-Aware Large-Scale Multi-User MIMO-OFDM Downlink. *Studer, Christoph, +, J-SAC February 2013 303-313*
- PHY-CRAM: Physical Layer Challenge-Response Authentication Mechanism for Wireless Networks. *Shan, Dan, +, J-SAC September 2013 1817-1827*
- Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. *Wu, Chih-Yao, +, J-SAC September 2013 1687-1700*
- Radio Resource Allocation in Multiuser Distributed Antenna Systems. *Zhu, Huiling, +, J-SAC October 2013 2058-2066*
- Resource Allocation for Heterogeneous Cognitive Radio Networks with Imperfect Spectrum Sensing. *Wang, Shaowei, +, J-SAC March 2013 464-475*
- Spectrally Efficient Time-Frequency Training OFDM for Mobile Large-Scale MIMO Systems. *Dai, Linglong, +, J-SAC February 2013 251-263*
- Spectrum Sensing for OFDM Signals Using Pilot Induced Auto-Correlations. *Zeng, Yonghong, +, J-SAC March 2013 353-363*
- Spectrum-Efficient Coherent Optical OFDM for Transport Networks. *Dai, Linglong, +, J-SAC January 2013 62-74*
- Wideband Channel Modeling and Intercarrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems. *Cheng, Xiang, +, J-SAC September 2013 434-448*
- Optical communication**
- Guest Editorial Next-Generation Spectrum-Efficient and Elastic Optical Transport Networks. *Shen, Gangxiang, +, J-SAC January 2013 1-3*
- Optical fiber networks**
- Design and Experimental Validation of a GMPLS/PCE Control Plane for Elastic CO-OFDM Optical Networks. *Casellas, Ramon, +, J-SAC January 2013 49-61*
- Dynamic Traffic Grooming in Elastic Optical Networks. *Zhang, Shuqiang, +, J-SAC January 2013 4-12*
- Elastic Spectrum Allocation for Time-Varying Traffic in FlexGrid Optical Networks. *Klinkowski, Mirosław, +, J-SAC January 2013 26-38*
- Time-Varying Spectrum Allocation Policies and Blocking Analysis in Flexible Optical Networks. *Christodoulopoulos, Konstantinos, +, J-SAC January 2013 13-25*
- Optical modulation**
- Design and Experimental Validation of a GMPLS/PCE Control Plane for Elastic CO-OFDM Optical Networks. *Casellas, Ramon, +, J-SAC January 2013 49-61*
- Spectrum-Efficient Coherent Optical OFDM for Transport Networks. *Dai, Linglong, +, J-SAC January 2013 62-74*
- Optical transmitters**
- Guest Editorial Next-Generation Spectrum-Efficient and Elastic Optical Transport Networks. *Shen, Gangxiang, +, J-SAC January 2013 1-3*
- Optimal control**
- Achieving Full Secrecy Rate with Low Packet Delays: An Optimal Control Approach. *Mao, Zhoujia, +, J-SAC September 2013 1944-1956*
- Optimization**
- A Holistic Approach to Service Delivery in Driver-in-the-Loop Vehicular CPS. *Li, Xu, +, J-SAC September 2013 513-522*
- Automating Cloud Network Optimization and Evolution. *Wu, Zhenyu, +, J-SAC December 2013 2620-2631*
- Buffer-Aided Relaying with Adaptive Link Selection. *Zlatanov, Nikola, +, J-SAC August 2013 1530-1542*
- Cognitive Radio Network Duality and Algorithms for Utility Maximization. *Zheng, Liang, +, J-SAC March 2013 500-513*
- Cross-Layer Optimization of Two-Way Relaying for Statistical QoS Guarantees. *Lin, Cen, +, J-SAC August 2013 1583-1596*
- Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin, +, J-SAC November 2013 2387-2396*
- Demand Response Management via Real-Time Electricity Price Control in Smart Grids. *Qian, Li Ping, +, J-SAC July 2013 1268-1280*
- Dynamic Traffic Control with Fairness and Throughput Optimization Using Vehicular Communications. *Chen, Lien-Wu, +, J-SAC September 2013 504-512*
- Energy Efficient Transmissions in MIMO Cognitive Radio Networks. *Fu, Liqun, +, J-SAC November 2013 2420-2431*
- Energy- and Spectral-Efficiency Tradeoff for Distributed Antenna Systems with Proportional Fairness. *He, Chunlong, +, J-SAC May 2013 894-902*
- Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. *Luo, Changqing, +, J-SAC November 2013 2442-2452*
- Enhancing Survivability in Virtualized Data Centers: A Service-Aware Approach. *Xu, Jielong, +, J-SAC December 2013 2610-2619*
- Inter-Swarm Content Distribution Among Private BitTorrent Networks. *Hu, Chengchen, +, J-SAC September 2013 132-141*
- Joint Spectrum and Power Efficiencies Optimization for Statistical QoS Provisionings Over SISO/MIMO Wireless Networks. *Cheng, Wenchi, +, J-SAC May 2013 903-915*
- Joint User Grouping and Linear Virtual Beamforming: Complexity, Algorithms and Approximation Bounds. *Hong, Mingyi, +, J-SAC October 2013 2013-2027*
- LDPC codes for soft decode-and-forward in half-duplex relay channels. *Azmi, M.H., +, J-SAC Aug. 2013 1402-1413*
- Moving Big Data to The Cloud: An Online Cost-Minimizing Approach. *Zhang, Linquan, +, J-SAC December 2013 2710-2721*
- Multiuser Resource Allocation Optimization Using Bandwidth-Power Product in Cognitive Radio Networks. *Tachwali, Yahia, +, J-SAC March 2013 451-463*
- On the Capacity Region of Cognitive Multiple Access over White Space Channels. *Zhang, Huazi, +, J-SAC November 2013 2517-2527*
- Optimal Computation of Symmetric Boolean Functions in Collocated Networks. *Kowshik, Hemant, +, J-SAC April 2013 639-654*
- Optimal Pricing Effect on Equilibrium Behaviors of Delay-Sensitive Users in Cognitive Radio Networks. *Tran, Nguyen H., +, J-SAC November 2013 2566-2579*
- QoS-Aware Power Allocations for Maximizing Effective Capacity Over Virtual-MIMO Wireless Networks. *Cheng, Wenchi, +, J-SAC October 2013 2043-2057*
- Relay Deployment in Cellular Networks: Planning and Optimization. *Guo, Weisi, +, J-SAC August 2013 1597-1606*
- Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior. *Jiang, C., +, J-SAC March 2013 406-416*
- Resource Allocation for Heterogeneous Cognitive Radio Networks with Imperfect Spectrum Sensing. *Wang, Shaowei, +, J-SAC March 2013 464-475*
- Scalable Multi-Class Traffic Management in Data Center Backbone Networks. *Ghosh, Amitabha, +, J-SAC December 2013 2673-2684*
- Selfish Mules: Social Profit Maximization in Sparse Sensornets using Rationally-Selfish Human Relays. *Yang, Shusen, +, J-SAC June 2013 1124-1134*
- Sparse Attack Construction and State Estimation in the Smart Grid: Centralized and Distributed Models. *Ozay, Mete, +, J-SAC July 2013 1306-1318*
- THash: A Practical Network Optimization Scheme for DHT-based P2P Applications. *Sun, Yi, +, J-SAC September 2013 379-390*
- Orthogonal codes**
- Cognitive Orthogonal Precoder for Two-Tiered Networks Deployment. *Maso, Marco, +, J-SAC November 2013 2338-2348*
- Secrecy Capacity per Unit Cost. *El-Halabi, Mustafa, +, J-SAC September 2013 1909-1920*
- P**
- Packet loss**
- Packet Loss Recovery Scheme with Uniquely-Decodable Codes for Streaming Multimedia over P2P Networks. *Yu, Qi-Yue, +, J-SAC September 2013 142-154*
- Parameter estimation**
- Impulsive Noise Mitigation in Powerline Communications Using Sparse Bayesian Learning. *Lin, Jing, +, J-SAC July 2013 1172-1183*
- Parity check codes**
- Coding and system design for quantize-map-and-forward relaying. *Nagpal, V., +, J-SAC Aug. 2013 1423-1435*
- Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin, +, J-SAC November 2013 2387-2396*

Interference Aware Routing Using Network Formation Game in Cognitive Radio Mesh Networks. *Yuan, Zhou*, +, *J-SAC November 2013 2494-2503*
 Joint LDPC and Physical-Layer Network Coding for Asynchronous Bi-Directional Relaying. *Wu, Xiaofu*, +, *J-SAC August 2013 1446-1454*
 LDPC codes for soft decode-and-forward in half-duplex relay channels. *Azmi, M.H.*, +, *J-SAC Aug. 2013 1402-1413*
 On the Capacity Region of Cognitive Multiple Access over White Space Channels. *Zhang, Huazi*, +, *J-SAC November 2013 2517-2527*
 Spectrum-Efficient Coherent Optical OFDM for Transport Networks. *Dai, Linglong*, +, *J-SAC January 2013 62-74*

Pattern classification

Identifying Leaders and Followers in Online Social Networks. *Shafiq, M. Zubair*, +, *J-SAC September 2013 618-628*
 Machine Learning Techniques for Cooperative Spectrum Sensing in Cognitive Radio Networks. *Thilina, Karaputugala Madushan*, +, *J-SAC November 2013 2209-2221*

Pattern clustering

Consensus, Polarization and Clustering of Opinions in Social Networks. *Li, Lin*, +, *J-SAC June 2013 1072-1083*
 On the Measurement of Duty Cycle and Channel Occupancy Rate. *Lehtomaki, Janne J.*, +, *J-SAC November 2013 2555-2565*

Peer-to-peer computing

A Measurement Study on the Topologies of BitTorrent Networks. *Su, Majing*, +, *J-SAC September 2013 338-347*
 A Naming Scheme for P2P Web Hosting. *Bari, Md. Faizul*, +, *J-SAC September 2013 299-309*
 A Scalable Vehicular Network Architecture for Traffic Information Sharing. *Zhou, Jiazhen*, +, *J-SAC September 2013 85-93*
 Accelerating Peer-to-Peer File Sharing with Social Relations. *Wang, Haiyang*, +, *J-SAC September 2013 66-74*
 Automatic and Autonomous Load Management in Peer-to-Peer Virtual Environments. *Almashor, Mahathir*, +, *J-SAC September 2013 310-324*
 Automating Cloud Network Optimization and Evolution. *Wu, Zhenyu*, +, *J-SAC December 2013 2620-2631*
 Capacity and Security of Heterogeneous Distributed Storage Systems. *Ernvall, Toni*, +, *J-SAC December 2013 2701-2709*
 Celerity: A Low-Delay Multi-Party Conferencing Solution. *Chen, Xianguen*, +, *J-SAC September 2013 155-164*
 Cinematic-Quality VoD in a P2P Storage Cloud: Design, Implementation and Measurements. *Liu, Fangming*, +, *J-SAC September 2013 214-226*
 Coding-Aware Peer-to-Peer Data Repair in Multi-Rate Wireless Networks: A Game Theoretic Analysis. *Lu, Hsiao-Chen*, +, *J-SAC September 2013 391-398*
 Effective Utilization of User Resources in PA-VoD Systems with Channel Heterogeneity. *Chang, Le*, +, *J-SAC September 2013 227-236*
 Efficient Trust Based Information Sharing Schemes over Distributed Collaborative Networks. *Lin, Huang*, +, *J-SAC September 2013 279-290*
 EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant Wireless Sensor and Actor Networks. *He, Shibo*, +, *J-SAC September 2013 75-84*
 Emerging technologies in communications. *Ohta, Naohisa*, +, *J-SAC September 2013 1-5*
 Estimating the Cardinality of a Mobile Peer-to-Peer Network. *Chen, Shipping*, +, *J-SAC September 2013 359-368*
 Inter-Swarm Content Distribution Among Private BitTorrent Networks. *Hu, Chengchen*, +, *J-SAC September 2013 132-141*
 LSR: Mitigating Zero-Day Sybil Vulnerability in Privacy-Preserving Vehicular Peer-to-Peer Networks. *Lin, Xiaodong*, +, *J-SAC September 2013 237-246*
 On Characterizing Peer-to-Peer Streaming Traffic. *Yang, Jie*, +, *J-SAC September 2013 175-188*
 On the Design of Large Scale Wireless Systems. *Aggarwal, Rohit*, +, *J-SAC February 2013 215-225*
 On the Impact of Incentives in eMule {Analysis and Measurements of a Popular File-Sharing Application}. *Carra, Damiano*, +, *J-SAC September 2013 94-104*
 Opportunistic Routing in Intermittently Connected Mobile P2P Networks. *Wang, Shengling*, +, *J-SAC September 2013 369-378*
 Optimal Rate Allocation for P2P Video Streaming. *Lima, Livio*, +, *J-SAC September 2013 200-213*
 Performance Investigation on Request Collisions in Peer-To-Peer Live Streaming Systems: Problems and Algorithms. *Chen, Yishuai*, +, *J-SAC September 2013 189-199*

Preventing Piracy Content Propagation in Peer-to-Peer Networks. *Zhang, Hongli*, +, *J-SAC September 2013 105-114*
 Self-Adaptive Context Data Distribution with Quality Guarantees in Mobile P2P Networks. *Fanelli, Mario*, +, *J-SAC September 2013 115-131*
 TESLA-Based Homomorphic MAC for Authentication in P2P System for Live Streaming with Network Coding. *Cheng, Chi*, +, *J-SAC September 2013 291-298*
 THash: A Practical Network Optimization Scheme for DHT-based P2P Applications. *Sun, Yi*, +, *J-SAC September 2013 379-390*
 THUP: A P2P Network Robust to Churn and DoS Attack Based on Bimodal Degree Distribution. *Suto, Katsuya*, +, *J-SAC September 2013 247-256*
 Verifiable Privacy-Preserving Aggregation in People-Centric Urban Sensing Systems. *Zhang, Rui*, +, *J-SAC September 2013 268-278*
 Waterfall: Video Distribution by Cascading Multiple Swarms. *Park, Kunwoo*, +, *J-SAC September 2013 165-174*

Permission

Body Area Network Security: A Fuzzy Attribute-Based Signcryption Scheme. *Hu, Chunqiang*, +, *J-SAC September 2013 37-46*

Personal area networks

A Symbol-by-Symbol Cooperative Diversity Scheme for Relay-Assisted UWB Communications with PPM. *Abou-Rjeily, Chadi*, +, *J-SAC August 2013 1436-1445*

Phase modulation

PHY-CRAM: Physical Layer Challenge-Response Authentication Mechanism for Wireless Networks. *Shan, Dan*, +, *J-SAC September 2013 1817-1827*

Physical layer

Erratum [to "On Secrecy Rate of the Generalized Artificial-Noise Assisted Secure Beamforming for Wiretap Channels" (Pin-Hsun Lin et al.; Sep 13)]. *J-SAC October 2013 2154*
 Guest Editorial: Signal Processing for Wireless Physical Layer Security}. *Jorswieck, Eduard*, +, *J-SAC September 2013 1657-1659*

Power control

Cognitive Radio Network Duality and Algorithms for Utility Maximization. *Zheng, Liang*, +, *J-SAC March 2013 500-513*
 Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin*, +, *J-SAC November 2013 2387-2396*
 Efficiency Resource Allocation for Device-to-Device Underlay Communication Systems: A Reverse Iterative Combinatorial Auction Based Approach. *Xu, Chen*, +, *J-SAC September 2013 348-358*
 Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. *Luo, Changqing*, +, *J-SAC November 2013 2442-2452*
 Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks. *Gong, Shimin*, +, *J-SAC November 2013 2397-2408*

Power distribution

Guest Editorial: Smart Grid Communications. *Golmie, Nada*, +, *J-SAC July 2013 1169-1171*

Power engineering computing

A Multi-Sensor Energy Theft Detection Framework for Advanced Metering Infrastructures. *McLaughlin, Stephen*, +, *J-SAC July 2013 1319-1330*
 Distributed Privacy-Preserving Aggregation of Metering Data in Smart Grids. *Rottondi, Cristina*, +, *J-SAC July 2013 1342-1354*
 Increasing Smart Meter Privacy Through Energy Harvesting and Storage Devices. *Tan, Omur*, +, *J-SAC July 2013 1331-1341*

Power grids

Electric Power Allocation in a Network of Fast Charging Stations. *Bayram, I. Safak*, +, *J-SAC July 2013 1235-1246*
 Guest Editorial: Smart Grid Communications. *Golmie, Nada*, +, *J-SAC July 2013 1169-1171*
 Increasing Smart Meter Privacy Through Energy Harvesting and Storage Devices. *Tan, Omur*, +, *J-SAC July 2013 1331-1341*
 nPlug: An Autonomous Peak Load Controller. *Ganu, Tanuja*, +, *J-SAC July 2013 1205-1218*

Power markets

Bidirectional Energy Trading and Residential Load Scheduling with Electric Vehicles in the Smart Grid. *Kim, Byung-Gook*, +, *J-SAC July 2013 1219-1234*
 GreenCharge: Managing Renewable Energy in Smart Buildings. *Mishra, Aditya*, +, *J-SAC July 2013 1281-1293*
 Guest Editorial: Smart Grid Communications. *Golmie, Nada*, +, *J-SAC July 2013 1169-1171*
 The Role of Aggregators in Smart Grid Demand Response Markets. *Gkatzikis, Lazaros*, +, *J-SAC July 2013 1247-1257*

Power measurement

A Measurement Study on the Topologies of BitTorrent Networks. *Su, Majing*, +, *J-SAC September 2013 338-347*

Power meters

On Topology Attack of a Smart Grid: Undetectable Attacks and Countermeasures. *Kim, Jinsub*, +, *J-SAC July 2013 1294-1305*

Power system economics

Bidirectional Energy Trading and Residential Load Scheduling with Electric Vehicles in the Smart Grid. *Kim, Byung-Gook*, +, *J-SAC July 2013 1219-1234*

On Topology Attack of a Smart Grid: Undetectable Attacks and Countermeasures. *Kim, Jinsub*, +, *J-SAC July 2013 1294-1305*

Power system protection

A Multi-Sensor Energy Theft Detection Framework for Advanced Metering Infrastructures. *McLaughlin, Stephen*, +, *J-SAC July 2013 1319-1330*

Power system security

A Multi-Sensor Energy Theft Detection Framework for Advanced Metering Infrastructures. *McLaughlin, Stephen*, +, *J-SAC July 2013 1319-1330*

Power system state estimation

Robust Decentralized State Estimation and Tracking for Power Systems via Network Gossiping. *Li, Xiao*, +, *J-SAC July 2013 1184-1194*

Power systems planning

Guest Editorial: Smart Grid Communications. *Golmie, Nada*, +, *J-SAC July 2013 1169-1171*

Precoding

Cognitive Orthogonal Precoder for Two-Tiered Networks Deployment. *Maso, Marco*, +, *J-SAC November 2013 2338-2348*

Hermitian Precoding for Distributed MIMO Systems with Individual Channel State Information. *Zhang, Jianwen*, +, *J-SAC February 2013 241-250*

Large System Analysis of Linear Precoding in MISO Broadcast Channels with Confidential Messages. *Geraci, Giovanni*, +, *J-SAC September 2013 1660-1671*

Massive MIMO in the UL/DL of Cellular Networks: How Many Antennas Do We Need?. *Hoydis, Jakob*, +, *J-SAC February 2013 160-171*

Multiuser Spectral Precoding for OFDM-Based Cognitive Radio Systems. *Zhou, Xiangwei*, +, *J-SAC March 2013 345-352*

On the Optimality of Linear Precoding for Secrecy in the MIMO Broadcast Channel. *Fakoorian, S. Ali A.*, +, *J-SAC September 2013 1701-1713*

Performance of Conjugate and Zero-Forcing Beamforming in Large-Scale Antenna Systems. *Yang, Hong*, +, *J-SAC February 2013 172-179*

Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N.*, +, *J-SAC May 2013 916-925*

Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. *Wu, Chih-Yao*, +, *J-SAC September 2013 1687-1700*

Wideband Channel Modeling and Intercarrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems. *Cheng, Xiang*, +, *J-SAC September 2013 434-448*

Pricing

An Integrated Contract and Auction Design for Secondary Spectrum Trading. *Gao, Lin*, +, *J-SAC March 2013 581-592*

Demand Response Management via Real-Time Electricity Price Control in Smart Grids. *Qian, Li Ping*, +, *J-SAC July 2013 1268-1280*

GreenCharge: Managing Renewable Energy in Smart Buildings. *Mishra, Aditya*, +, *J-SAC July 2013 1281-1293*

Heterogeneous Delay Tolerant Task Scheduling and Energy Management in the Smart Grid with Renewable Energy. *Chen, Shengbo*, +, *J-SAC July 2013 1258-1267*

Incentive Provision and Job Allocation in Social Cloud Systems. *Zhang, Yu*, +, *J-SAC September 2013 607-617*

On Topology Attack of a Smart Grid: Undetectable Attacks and Countermeasures. *Kim, Jinsub*, +, *J-SAC July 2013 1294-1305*

Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N.*, +, *J-SAC May 2013 916-925*

Privacy

LSR: Mitigating Zero-Day Sybil Vulnerability in Privacy-Preserving Vehicular Peer-to-Peer Networks. *Lin, Xiaodong*, +, *J-SAC September 2013 237-246*

m-Carer: Privacy-Aware Monitoring for People with Mild Cognitive Impairment and Dementia. *Solanas, Agusti*, +, *J-SAC September 2013 19-27*

Privacy-Preserving Energy Theft Detection in Smart Grids: A P2P Computing Approach. *Salinas, Sergio*, +, *J-SAC September 2013 257-267*

Probability

A Measurement Framework for Directed Networks. *Salehi, Mostafa*, +, *J-SAC June 2013 1007-1016*

Achievable Spatial Throughput in Multi-Antenna Cognitive Underlay Networks with Multi-Hop Relaying. *Zaidi, Syed Ali Raza*, +, *J-SAC August 2013 1543-1558*

Adaptive Spectrum Control and Management in Elastic Optical Networks. *Wen, Ke*, +, *J-SAC January 2013 39-48*

Censored Truncated Sequential Spectrum Sensing for Cognitive Radio Networks. *Maleki, Sina*, +, *J-SAC March 2013 364-378*

Cognitive Access Policies under a Primary ARQ Process via Forward-Backward Interference Cancellation. *Michelusi, Nicolo*, +, *J-SAC November 2013 2374-2386*

ConSub: Incentive-Based Content Subscribing in Selfish Opportunistic Mobile Networks. *Zhou, Huan*, +, *J-SAC September 2013 669-679*

Energy Efficient Heterogeneous Cellular Networks. *Soh, Yong Sheng*, +, *J-SAC May 2013 840-850*

Ergodic Sum Capacity of Spectrum-Sharing Multiple Access with Collision Metric. *Khoshkholgh, Mohammad G.*, +, *J-SAC November 2013 2528-2540*

How Agreement and Disagreement Evolve over Random Dynamic Networks. *Shi, Guodong*, +, *J-SAC June 2013 1061-1071*

Limits of Reliable Communication with Low Probability of Detection on AWGN Channels. *Bash, Boulat A.*, +, *J-SAC September 2013 1921-1930*

On Budgeted Influence Maximization in Social Networks. *Nguyen, Huy*, +, *J-SAC June 2013 1084-1094*

On the Jamming Power Allocation for Secure Amplify-and-Forward Relaying via Cooperative Jamming. *Park, Ki-Hong*, +, *J-SAC September 2013 1741-1750*

Optimal Computation of Symmetric Boolean Functions in Collocated Networks. *Kowshik, Hemant*, +, *J-SAC April 2013 639-654*

Relay Selection and Performance Analysis in Multiple-User Networks. *Atapattu, Saman*, +, *J-SAC August 2013 1517-1529*

Secret Key Generation from Sparse Wireless Channels: Ergodic Capacity and Secrecy Outage. *Chou, Tzu-Han*, +, *J-SAC September 2013 1751-1764*

Spectrum Sensing for Cognitive Radios Based on Directional Statistics of Polarization Vectors. *Guo, Caili*, +, *J-SAC March 2013 379-393*

Probes

Estimating the Cardinality of a Mobile Peer-to-Peer Network. *Chen, Shiping*, +, *J-SAC September 2013 359-368*

Profitability

Selfish Mules: Social Profit Maximization in Sparse Sensor Networks using Rationally-Selfish Human Relays. *Yang, Shusen*, +, *J-SAC June 2013 1124-1134*

Proposals

A Novel Cooperation Strategy for Mobile Health Applications. *Silva, Bruno M. C.*, +, *J-SAC September 2013 28-36*

Protocols

A Unified Unicast and Multicast Routing and Forwarding Algorithm for Software-Defined Datacenter Networks. *Jia, Wen-Kang*, +, *J-SAC December 2013 2646-2657*

Accelerating Peer-to-Peer File Sharing with Social Relations. *Wang, Haiyang*, +, *J-SAC September 2013 66-74*

Buffer-Aided Relaying with Adaptive Link Selection. *Zlatanov, Nikola*, +, *J-SAC August 2013 1530-1542*

Celerity: A Low-Delay Multi-Party Conferencing Solution. *Chen, Xianguan*, +, *J-SAC September 2013 155-164*

Cross-Layer Optimization of Two-Way Relaying for Statistical QoS Guarantees. *Lin, Cen*, +, *J-SAC August 2013 1583-1596*

Distributed Network Secrecy. *Lee, Jemin*, +, *J-SAC September 2013 1889-1900*

EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant Wireless Sensor and Actor Networks. *He, Shibo*, +, *J-SAC September 2013 75-84*

Energy-Spectral Efficiency Trade-Off in Virtual MIMO Cellular Systems. *Hong, Xuemin*, +, *J-SAC October 2013 2128-2140*

How Agreement and Disagreement Evolve over Random Dynamic Networks. *Shi, Guodong*, +, *J-SAC June 2013 1061-1071*

IEEE 802.11p Based Vehicular Networking Operational Pilot Field Measurement. *Sukuvaara, Timo*, +, *J-SAC September 2013 409-417*

Incentive Provision and Job Allocation in Social Cloud Systems. *Zhang, Yu*, +, *J-SAC September 2013 607-617*

Interconnection Framework for mHealth and Remote Monitoring Based on the Internet of Things. *Jara, Antonio J.*, +, *J-SAC September 2013 47-65*

Optimal Relay Selection for Physical-Layer Security in Cooperative Wireless Networks. *Zou, Yulong*, +, *J-SAC October 2013 2099-2111*

Partner Selection in Indoor-to-Outdoor Cooperative Networks: An Experimental Study. *Castiglione, P., +, J-SAC August 2013 1559-1571*

Persistent Localized Broadcasting in VANETs. *Fiore, Marco, +, J-SAC September 2013 480-490*

Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias, +, J-SAC September 2013 1901-1908*

Resilient Asymptotic Consensus in Robust Networks. *LeBlanc, Heath J., +, J-SAC April 2013 766-781*

Stable Throughput in a Cognitive Wireless Network. *Fanous, Anthony, +, J-SAC March 2013 523-533*

Utilizing Link Characterization for Improving the Performance of Aerial Wireless Sensor Networks. *Ahmed, Nadeem, +, J-SAC August 2013 1639-1649*

Public key cryptography

A Naming Scheme for P2P Web Hosting. *Bari, Md. Faizul, +, J-SAC September 2013 299-309*

Efficient Trust Based Information Sharing Schemes over Distributed Collaborative Networks. *Lin, Huang, +, J-SAC September 2013 279-290*

Dynamic Traffic Grooming in Elastic Optical Networks. *Zhang, Shuqiang, +, J-SAC January 2013 4-12*

Publishing

THash: A Practical Network Optimization Scheme for DHT-based P2P Applications. *Sun, Yi, +, J-SAC September 2013 379-390*

Pulse position modulation

A Symbol-by-Symbol Cooperative Diversity Scheme for Relay-Assisted UWB Communications with PPM. *Abou-Rjeily, Chadi, +, J-SAC August 2013 1436-1445*

Q

Quadrature amplitude modulation

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong, +, J-SAC September 2013 460-469*

Quality of service

Achievable Spatial Throughput in Multi-Antenna Cognitive Underlay Networks with Multi-Hop Relaying. *Zaidi, Syed Ali Raza, +, J-SAC August 2013 1543-1558*

Adaptive Spectrum Control and Management in Elastic Optical Networks. *Wen, Ke, +, J-SAC January 2013 39-48*

Cross-Layer Optimization of Two-Way Relaying for Statistical QoS Guarantees. *Lin, Cen, +, J-SAC August 2013 1583-1596*

Distributionally Robust Slow Adaptive OFDMA with Soft QoS via Linear Programming. *So, Anthony Man-Cho, +, J-SAC May 2013 947-958*

Effective Utilization of User Resources in PA-VoD Systems with Channel Heterogeneity. *Chang, Le, +, J-SAC September 2013 227-236*

Joint Spectrum and Power Efficiencies Optimization for Statistical QoS Provisionings Over SISO/MIMO Wireless Networks. *Cheng, Wenchi, +, J-SAC May 2013 903-915*

On the Design of Large Scale Wireless Systems. *Aggarwal, Rohit, +, J-SAC February 2013 215-225*

QoS-Aware Power Allocations for Maximizing Effective Capacity Over Virtual-MIMO Wireless Networks. *Cheng, Wenchi, +, J-SAC October 2013 2043-2057*

RECOG: A Sensing-Based Cognitive Radio System with Real-Time Application Support. *Tan, Kefeng, +, J-SAC November 2013 2504-2516*

Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior. *Jiang, C., +, J-SAC March 2013 406-416*

Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks. *Gong, Shimin, +, J-SAC November 2013 2397-2408*

Self-Adaptive Context Data Distribution with Quality Guarantees in Mobile P2P Networks. *Fanelli, Mario, +, J-SAC September 2013 115-131*

Service Response Time of Elastic Data Traffic in Cognitive Radio Networks. *Gunawardena, Subodha, +, J-SAC March 2013 559-570*

Throughput of Cognitive Radio Systems with Finite Blocklength Codes. *Ozcan, Gozde, +, J-SAC November 2013 2541-2554*

Quantization (signal)

Continuous Power Allocation Strategies for Sensing-Based Multiband Spectrum Sharing. *Chen, Zhong, +, J-SAC November 2013 2409-2419*

Frequency-Agile Multiband Quadrature Sigma-Delta Modulator for Cognitive Radio: Analysis, Design and Digital Post-Processing. *Marttila, Jaakko, +, J-SAC November 2013 2222-2236*

Linear Function Computation in Networks: Duality and Constant Gap Results. *Zhan, Jiening, +, J-SAC April 2013 620-638*

Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. *Wu, Chih-Yao, +, J-SAC September 2013 1687-1700*

Queueing theory

Achieving Full Secrecy Rate with Low Packet Delays: An Optimal Control Approach. *Mao, Zhoujia, +, J-SAC September 2013 1944-1956*

Asymptotic Queueing Analysis for Dynamic Spectrum Access Networks in the Presence of Heavy Tails. *Wang, Pu, +, J-SAC March 2013 514-522*

Computing Statistical Functions in Wired Networks. *Sappidi, Rajasekhar, +, J-SAC April 2013 731-742*

Impact of In-Network Aggregation on Target Tracking Quality Under Network Delays. *Wei, Wei, +, J-SAC April 2013 808-818*

MAC Protocol Design and Performance Analysis for Random Access Cognitive Radio Networks. *Chen, Qian, +, J-SAC November 2013 2289-2300*

Optimal Pricing Effect on Equilibrium Behaviors of Delay-Sensitive Users in Cognitive Radio Networks. *Tran, Nguyen H., +, J-SAC November 2013 2566-2579*

Stable Throughput in a Cognitive Wireless Network. *Fanous, Anthony, +, J-SAC March 2013 523-533*

R

Radio access networks

Energy-Efficient Coordinated Scheduling Mechanism for Cellular Communication Systems with Multiple Component Carriers. *Chen, Huaxia, +, J-SAC May 2013 959-968*

Radio equipment

A Novel AWSF Algorithm for DOA Estimation in Virtual MIMO Systems. *Chen, Haihua, +, J-SAC October 2013 1994-2003*

Radio links

Buffer-Aided Relaying with Adaptive Link Selection. *Zlatanov, Nikola, +, J-SAC August 2013 1530-1542*

Low Delay MAC Scheduling for Frequency-Agile Multi-Radio Wireless Networks. *Chatterjee, Avhishek, +, J-SAC November 2013 2262-2275*

Utilizing Link Characterization for Improving the Performance of Aerial Wireless Sensor Networks. *Ahmed, Nadeem, +, J-SAC August 2013 1639-1649*

Wireless Network Coding via Modified 802.11 MAC/PHY: Design and Implementation on SDR. *Firooz, Mohammad H., +, J-SAC August 2013 1618-1628*

Radio networks

Achieving Full Secrecy Rate with Low Packet Delays: An Optimal Control Approach. *Mao, Zhoujia, +, J-SAC September 2013 1944-1956*

Channel Exploration and Exploitation with Imperfect Spectrum Sensing in Cognitive Radio Networks. *Zhang, Zhou, +, J-SAC March 2013 429-441*

Cooperative Spectrum Access Towards Secure Information Transfer for CRNs. *Zhang, Ning, +, J-SAC November 2013 2453-2464*

Distributed Network Secrecy. *Lee, Jemin, +, J-SAC September 2013 1889-1900*

Joint Sensing and Transmission for AF Relay Assisted PU Transmission in Cognitive Radio Networks. *Yin, Wenshan, +, J-SAC November 2013 2249-2261*

Joint Spectrum and Power Efficiencies Optimization for Statistical QoS Provisionings Over SISO/MIMO Wireless Networks. *Cheng, Wenchi, +, J-SAC May 2013 903-915*

Low Delay MAC Scheduling for Frequency-Agile Multi-Radio Wireless Networks. *Chatterjee, Avhishek, +, J-SAC November 2013 2262-2275*

Machine Learning Techniques for Cooperative Spectrum Sensing in Cognitive Radio Networks. *Thilina, Karaputugala Madushan, +, J-SAC November 2013 2209-2221*

Multiple Antenna Cyclostationary Spectrum Sensing Based on the Cyclic Correlation Significance Test. *Urriza, Paulo, +, J-SAC November 2013 2185-2195*

Multiuser Resource Allocation Optimization Using Bandwidth-Power Product in Cognitive Radio Networks. *Tachwali, Yahia, +, J-SAC March 2013 451-463*

On Characterizing Peer-to-Peer Streaming Traffic. *Yang, Jie, +, J-SAC September 2013 175-188*

On the Resilience of Wireless Multiuser Networks to Passive and Active Eavesdroppers. *Chorti, Arsenia, +, J-SAC September 2013 1850-1863*

PHY-CRAM: Physical Layer Challenge-Response Authentication Mechanism for Wireless Networks. *Shan, Dan*, +, *J-SAC September 2013* 1817-1827

Radio Resource Allocation in Multiuser Distributed Antenna Systems. *Zhu, Huiling*, +, *J-SAC October 2013* 2058-2066

Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior. *Jiang, C.*, +, *J-SAC March 2013* 406-416

Sum Secure Degrees of Freedom of Two-Unicast Layered Wireless Networks. *Xie, Jianwei*, +, *J-SAC September 2013* 1931-1943

Topological Conditions for In-Network Stabilization of Dynamical Systems. *Pajic, Miroslav*, +, *J-SAC April 2013* 794-807

Wireless Network Coding via Modified 802.11 MAC/PHY: Design and Implementation on SDR. *Firooz, Mohammad H.*, +, *J-SAC August 2013* 1618-1628

Radio receivers

Blind Known Interference Cancellation. *Zhang, Shengli*, +, *J-SAC August 2013* 1572-1582

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong*, +, *J-SAC September 2013* 460-469

Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays. *Wang, Shaowei*, +, *J-SAC November 2013* 2432-2441

EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant Wireless Sensor and Actor Networks. *He, Shibo*, +, *J-SAC September 2013* 75-84

Energy Efficient Transmissions in MIMO Cognitive Radio Networks. *Fu, Liqun*, +, *J-SAC November 2013* 2420-2431

Everlasting Secrecy by Exploiting Non-Idealities of the Eavesdropper's Receiver. *Sheikholeslami, Azadeh*, +, *J-SAC September 2013* 1828-1839

Frequency-Agile Multiband Quadrature Sigma-Delta Modulator for Cognitive Radio: Analysis, Design and Digital Post-Processing. *Marttila, Jaakko*, +, *J-SAC November 2013* 2222-2236

Hermitian Precoding for Distributed MIMO Systems with Individual Channel State Information. *Zhang, Jianwen*, +, *J-SAC February 2013* 241-250

Impulsive Noise Mitigation in Powerline Communications Using Sparse Bayesian Learning. *Lin, Jing*, +, *J-SAC July 2013* 1172-1183

Linear Coding Schemes for the Distributed Computation of Subspaces. *Lalitha, V.*, +, *J-SAC April 2013* 678-690

Multiple Antenna Cyclostationary Spectrum Sensing Based on the Cyclic Correlation Significance Test. *Urriza, Paulo*, +, *J-SAC November 2013* 2185-2195

On the Capacity of Large-MIMO Block-Fading Channels. *Yang, Wei*, +, *J-SAC February 2013* 117-132

Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias*, +, *J-SAC September 2013* 1901-1908

Sum Rate Analysis of ZF Receivers in Distributed MIMO Systems. *Matthaiou, Michail*, +, *J-SAC February 2013* 180-191

Sum Secure Degrees of Freedom of Two-Unicast Layered Wireless Networks. *Xie, Jianwei*, +, *J-SAC September 2013* 1931-1943

Throughput of Cognitive Radio Systems with Finite Blocklength Codes. *Ozcan, Gozde*, +, *J-SAC November 2013* 2541-2554

Waveform Design for Secure SISO Transmissions and Multicasting. *Li, Ming*, +, *J-SAC September 2013* 1864-1874

Radio spectrum management

Adaptive Spectrum Control and Management in Elastic Optical Networks. *Wen, Ke*, +, *J-SAC January 2013* 39-48

An Integrated Contract and Auction Design for Secondary Spectrum Trading. *Gao, Lin*, +, *J-SAC March 2013* 581-592

Asymptotic Queuing Analysis for Dynamic Spectrum Access Networks in the Presence of Heavy Tails. *Wang, Pu*, +, *J-SAC March 2013* 514-522

Censored Truncated Sequential Spectrum Sensing for Cognitive Radio Networks. *Maleki, Sina*, +, *J-SAC March 2013* 364-378

Cognitive Orthogonal Precoder for Two-Tiered Networks Deployment. *Maso, Marco*, +, *J-SAC November 2013* 2338-2348

Cognitive Radio Network Duality and Algorithms for Utility Maximization. *Zheng, Liang*, +, *J-SAC March 2013* 500-513

Complexity of Allocation Problems in Spectrum Markets with Interference Complementarities. *Zhou, Hang*, +, *J-SAC March 2013* 489-499

Continuous Power Allocation Strategies for Sensing-Based Multiband Spectrum Sharing. *Chen, Zhong*, +, *J-SAC November 2013* 2409-2419

Database-Assisted Distributed Spectrum Sharing. *Chen, Xu*, +, *J-SAC November 2013* 2349-2361

Dynamic Bargaining for Relay-Based Cooperative Spectrum Sharing. *Yan, Yang*, +, *J-SAC August 2013* 1480-1493

Dynamic Traffic Grooming in Elastic Optical Networks. *Zhang, Shuqiang*, +, *J-SAC January 2013* 4-12

Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays. *Wang, Shaowei*, +, *J-SAC November 2013* 2432-2441

Elastic Spectrum Allocation for Time-Varying Traffic in FlexGrid Optical Networks. *Klinkowski, Miroslaw*, +, *J-SAC January 2013* 26-38

Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. *Luo, Changqing*, +, *J-SAC November 2013* 2442-2452

Ergodic Sum Capacity of Spectrum-Sharing Multiple Access with Collision Metric. *Khoshkholgh, Mohammad G.*, +, *J-SAC November 2013* 2528-2540

Exploiting Orthogonally Dual-Polarized Antennas in Cooperative Cognitive Radio Networking. *Cao, Bin*, +, *J-SAC November 2013* 2362-2373

Fuzzy-Logic Based Framework for Spectrum Availability Assessment in Cognitive Radio Systems. *Matinmikko, Marja*, +, *J-SAC November 2013* 2173-2184

Guest Editorial Next-Generation Spectrum-Efficient and Elastic Optical Transport Networks. *Shen, Gangxiang*, +, *J-SAC January 2013* 1-3

Guest Editorial Spectrum and Energy Efficient Design of Wireless Communication Networks: Part I. *Yang, Yang*, +, *J-SAC May 2013* 825-828

Hierarchical Market Competition in a Duopoly Super Wi-Fi Spectrum Market. *Kim, Hyoil*, +, *J-SAC November 2013* 2580-2591

HMM-Based Malicious User Detection for Robust Collaborative Spectrum Sensing. *He, Xiaofan*, +, *J-SAC November 2013* 2196-2208

Integrated Multi-Network Modeling Environment for Spectrum Management. *Beckman, Richard*, +, *J-SAC June 2013* 1158-1168

Joint Base Station Clustering and Beamformer Design for Partial Coordinated Transmission in Heterogeneous Networks. *Hong, Mingyi*, +, *J-SAC February 2013* 226-240

MAC Protocol Design and Performance Analysis for Random Access Cognitive Radio Networks. *Chen, Qian*, +, *J-SAC November 2013* 2289-2300

Machine Learning Techniques for Cooperative Spectrum Sensing in Cognitive Radio Networks. *Thilina, Karaputugala Madushan*, +, *J-SAC November 2013* 2209-2221

Multiple Antenna Cyclostationary Spectrum Sensing Based on the Cyclic Correlation Significance Test. *Urriza, Paulo*, +, *J-SAC November 2013* 2185-2195

Optimal Pricing Effect on Equilibrium Behaviors of Delay-Sensitive Users in Cognitive Radio Networks. *Tran, Nguyen H.*, +, *J-SAC November 2013* 2566-2579

Optimal Primary-User Mobility Aware Spectrum Sensing Design for Cognitive Radio Networks. *Cacciapuoti, Angela Sara*, +, *J-SAC November 2013* 2161-2172

RECOG: A Sensing-Based Cognitive Radio System with Real-Time Application Support. *Tan, Kefeng*, +, *J-SAC November 2013* 2504-2516

Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior. *Jiang, C.*, +, *J-SAC March 2013* 406-416

Spectrum Sensing for Cognitive Radios Based on Directional Statistics of Polarization Vectors. *Guo, Caili*, +, *J-SAC March 2013* 379-393

Traffic-Aware Channel Sensing Order in Dynamic Spectrum Access Networks. *Liu, Chun-Hao*, +, *J-SAC November 2013* 2312-2323

What Should Secondary Users Do Upon Incumbents' Return?. *Zhang, Caoxie*, +, *J-SAC March 2013* 417-428

Radio transceivers

Resource-Minimized Channel Assignment for Multi-Transceiver Cognitive Radio Networks. *Irwin, Ryan E.*, +, *J-SAC March 2013* 442-450

Radio transmitters

Achieving Full Secrecy Rate with Low Packet Delays: An Optimal Control Approach. *Mao, Zhoujia*, +, *J-SAC September 2013* 1944-1956

Cognitive Orthogonal Precoder for Two-Tiered Networks Deployment. *Maso, Marco*, +, *J-SAC November 2013* 2338-2348

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong*, +, *J-SAC September 2013* 460-469

Limits of Reliable Communication with Low Probability of Detection in AWGN Channels. *Bash, Boulat A.*, +, *J-SAC September 2013* 1921-1930

On the Capacity of Large-MIMO Block-Fading Channels. *Yang, Wei*, +, *J-SAC February 2013* 117-132

On the Design of Large Scale Wireless Systems. *Aggarwal, Rohit*, +, *J-SAC February 2013* 215-225

Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias*, +, *J-SAC September 2013 1901-1908*

Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. *Wu, Chih-Yao*, +, *J-SAC September 2013 1687-1700*

Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks. *Gong, Shimin*, +, *J-SAC November 2013 2397-2408*

Throughput of Cognitive Radio Systems with Finite Blocklength Codes. *Ozcan, Gozde*, +, *J-SAC November 2013 2541-2554*

Radiofrequency interference

A Coordinated Approach to Channel Estimation in Large-Scale Multiple-Antenna Systems. *Yin, Haifan*, +, *J-SAC February 2013 264-273*

A New Adaptive Small-Cell Architecture. *Ni, Wei*, +, *J-SAC May 2013 829-839*

Beamforming via Large and Dense Antenna Arrays Above a Clutter. *Alrabadi, Osama N.*, +, *J-SAC February 2013 314-325*

Blind Known Interference Cancellation. *Zhang, Shengli*, +, *J-SAC August 2013 1572-1582*

Complexity of Allocation Problems in Spectrum Markets with Interference Complementarities. *Zhou, Hang*, +, *J-SAC March 2013 489-499*

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong*, +, *J-SAC September 2013 460-469*

Energy Efficient Transmissions in MIMO Cognitive Radio Networks. *Fu, Liqun*, +, *J-SAC November 2013 2420-2431*

Exploiting Orthogonally Dual-Polarized Antennas in Cooperative Cognitive Radio Networking. *Cao, Bin*, +, *J-SAC November 2013 2362-2373*

Frequency-Agile Multiband Quadrature Sigma-Delta Modulator for Cognitive Radio: Analysis, Design and Digital Post-Processing. *Marttila, Jaakko*, +, *J-SAC November 2013 2222-2236*

Fuzzy-Logic Based Framework for Spectrum Availability Assessment in Cognitive Radio Systems. *Matinmikko, Marja*, +, *J-SAC November 2013 2173-2184*

Information Leakage Neutralization for the Multi-Antenna Non-Regenerative Relay-Assisted Multi-Carrier Interference Channel. *Ho, Zuleita*, +, *J-SAC September 2013 1672-1686*

Joint Base Station Clustering and Beamformer Design for Partial Coordinated Transmission in Heterogeneous Networks. *Hong, Mingyi*, +, *J-SAC February 2013 226-240*

Low Delay MAC Scheduling for Frequency-Agile Multi-Radio Wireless Networks. *Chatterjee, Avhishek*, +, *J-SAC November 2013 2262-2275*

Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N.*, +, *J-SAC May 2013 916-925*

Relay Deployment in Cellular Networks: Planning and Optimization. *Guo, Weisi*, +, *J-SAC August 2013 1597-1606*

Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior. *Jiang, C.*, +, *J-SAC March 2013 406-416*

Resource Allocation in Cognitive Radio Relay Networks. *Liang, Jui-Chi*, +, *J-SAC March 2013 476-488*

Robust MIMO Cognitive Radio Systems Under Interference Temperature Constraints. *Yang, Yang*, +, *J-SAC November 2013 2465-2482*

Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks. *Gong, Shimin*, +, *J-SAC November 2013 2397-2408*

Virtual MIMO in Multi-Cell Distributed Antenna Systems: Coordinated Transmissions with Large-Scale CSIT. *Feng, Wei*, +, *J-SAC October 2013 2067-2081*

Radiowave propagation

Hierarchical Market Competition in a Duopoly Super Wi-Fi Spectrum Market. *Kim, Hyoil*, +, *J-SAC November 2013 2580-2591*

Random codes

Relay-Assisted Rateless Layered Multiple Description Video Delivery. *Nazir, Sajid*, +, *J-SAC August 2013 1629-1637*

Spectrum Assignment and Sharing for Delay Minimization in Multi-Hop Multi-Flow CRNs. *Li, Wei*, +, *J-SAC November 2013 2483-2493*

Random processes

Optimal Primary-User Mobility Aware Spectrum Sensing Design for Cognitive Radio Networks. *Cacciapuoti, Angela Sara*, +, *J-SAC November 2013 2161-2172*

Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias*, +, *J-SAC September 2013 1901-1908*

Robust Decentralized State Estimation and Tracking for Power Systems via Network Gossiping. *Li, Xiao*, +, *J-SAC July 2013 1184-1194*

Scaling Laws for Connectivity in Random Threshold Graph Models with Non-Negative Fitness Variables. *Makowski, Armand M.*, +, *J-SAC September 2013 573-583*

Rayleigh channels

Energy-Efficient Relaying over Multiple Slots with Causal CSI. *Ho, Chin Keong*, +, *J-SAC August 2013 1494-1505*

Multiple Antenna Cyclostationary Spectrum Sensing Based on the Cyclic Correlation Significance Test. *Urriza, Paulo*, +, *J-SAC November 2013 2185-2195*

On the Capacity of Large-MIMO Block-Fading Channels. *Yang, Wei*, +, *J-SAC February 2013 117-132*

On the Resilience of Wireless Multiuser Networks to Passive and Active Eavesdroppers. *Chorti, Arsenia*, +, *J-SAC September 2013 1850-1863*

Performance of Conjugate and Zero-Forcing Beamforming in Large-Scale Antenna Systems. *Yang, Hong*, +, *J-SAC February 2013 172-179*

Spectrum Sensing for Cognitive Radios Based on Directional Statistics of Polarization Vectors. *Guo, Caili*, +, *J-SAC March 2013 379-393*

Sum Rate Analysis of ZF Receivers in Distributed MIMO Systems. *Matthaiou, Michail*, +, *J-SAC February 2013 180-191*

Receivers

Efficiency Resource Allocation for Device-to-Device Underlay Communication Systems: A Reverse Iterative Combinatorial Auction Based Approach. *Xu, Chen*, +, *J-SAC September 2013 348-358*

Efficient Trust Based Information Sharing Schemes over Distributed Collaborative Networks. *Lin, Huang*, +, *J-SAC September 2013 279-290*

Receiving antennas

Large System Analysis of Sum Capacity in the Gaussian MIMO Broadcast Channel. *Guthy, Christian*, +, *J-SAC February 2013 149-159*

Spatial Degrees of Freedom of Large Distributed MIMO Systems and Wireless Ad Hoc Networks. *Ozgur, Ayfer*, +, *J-SAC February 2013 202-214*

Relay networks (telecommunication)

A Symbol-by-Symbol Cooperative Diversity Scheme for Relay-Assisted UWB Communications with PPM. *Abou-Rjeily, Chadi*, +, *J-SAC August 2013 1436-1445*

Achievable Spatial Throughput in Multi-Antenna Cognitive Underlay Networks with Multi-Hop Relaying. *Zaidi, Syed Ali Raza*, +, *J-SAC August 2013 1543-1558*

Bidirectional Cellular Relay Network with Distributed Relaying. *Wang, Fanggang*, +, *J-SAC October 2013 2082-2098*

Buffer-Aided Relaying with Adaptive Link Selection. *Zlatanov, Nikola*, +, *J-SAC August 2013 1530-1542*

Cross-Layer Optimization of Two-Way Relaying for Statistical QoS Guarantees. *Lin, Cen*, +, *J-SAC August 2013 1583-1596*

Downlink Throughput Enhancement of a Cellular Network using Two-Hop User-Deployable Indoor Relays. *Devar, Sendilramkumar*, +, *J-SAC August 2013 1607-1617*

Dynamic Bargaining for Relay-Based Cooperative Spectrum Sharing. *Yan, Yang*, +, *J-SAC August 2013 1480-1493*

Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays. *Wang, Shaowei*, +, *J-SAC November 2013 2432-2441*

Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. *Luo, Changqing*, +, *J-SAC November 2013 2442-2452*

Information Leakage Neutralization for the Multi-Antenna Non-Regenerative Relay-Assisted Multi-Carrier Interference Channel. *Ho, Zuleita*, +, *J-SAC September 2013 1672-1686*

Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic*, +, *J-SAC August 2013 1455-1468*

Joint LDPC and Physical-Layer Network Coding for Asynchronous Bi-Directional Relaying. *Wu, Xiaofu*, +, *J-SAC August 2013 1446-1454*

Joint Sensing and Transmission for AF Relay Assisted PU Transmission in Cognitive Radio Networks. *Yin, Wenshan*, +, *J-SAC November 2013 2249-2261*

Joint User Grouping and Linear Virtual Beamforming: Complexity, Algorithms and Approximation Bounds. *Hong, Mingyi*, +, *J-SAC October 2013 2013-2027*

Linear Function Computation in Networks: Duality and Constant Gap Results. *Zhan, Jiening*, +, *J-SAC April 2013 620-638*

On the design of a novel joint network-channel coding scheme for the multiple access relay channel. *Hernaes, M.*, +, *J-SAC August 2013 1368-1378*

On the Jamming Power Allocation for Secure Amplify-and-Forward Relaying via Cooperative Jamming. *Park, Ki-Hong*, +, *J-SAC September 2013 1741-1750*

Optimal Relay Selection for Physical-Layer Security in Cooperative Wireless Networks. *Zou, Yulong, +, J-SAC October 2013 2099-2111*

Partner Selection in Indoor-to-Outdoor Cooperative Networks: An Experimental Study. *Castiglione, P., +, J-SAC August 2013 1559-1571*

Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias, +, J-SAC September 2013 1901-1908*

Relay Deployment in Cellular Networks: Planning and Optimization. *Guo, Weisi, +, J-SAC August 2013 1597-1606*

Relay Selection and Performance Analysis in Multiple-User Networks. *Atapattu, Saman, +, J-SAC August 2013 1517-1529*

Reliability-Rate Tradeoff in Large-Scale Multiple Access Relay Networks. *Kim, Sang Wu, +, J-SAC August 2013 1414-1422*

Spectrum and Energy Efficient Relay Station Placement in Cognitive Radio Networks. *Yue, Hao, +, J-SAC May 2013 883-893*

Spectrum Assignment and Sharing for Delay Minimization in Multi-Hop Multi-Flow CRNs. *Li, Wei, +, J-SAC November 2013 2483-2493*

Stable Throughput in a Cognitive Wireless Network. *Fanous, Anthony, +, J-SAC March 2013 523-533*

Throughput and Stability for Relay-Assisted Wireless Broadcast with Network Coding. *Sagduyu, Yalin E., +, J-SAC August 2013 1506-1516*

Throughput Maximization for the Gaussian Relay Channel with Energy Harvesting Constraints. *Huang, Chuan, +, J-SAC August 2013 1469-1479*

Wireless Multicast Relay Networks with Limited-Rate Source-Conferencing. *Du, Jinfeng, +, J-SAC August 2013 1390-1401*

Relays

Coding and system design for quantize-map-and-forward relaying. *Nagpal, V., +, J-SAC Aug. 2013 1423-1435*

Energy-Efficient Relaying over Multiple Slots with Causal CSI. *Ho, Chin Keong, +, J-SAC August 2013 1494-1505*

Guest Editorial: Theories and Methods for Advanced Wireless Relays — Issue II. *Hua, Yingbo, +, J-SAC August 2013 1361-1367*

Interference Aware Routing Using Network Formation Game in Cognitive Radio Mesh Networks. *Yuan, Zhou, +, J-SAC November 2013 2494-2503*

LDPC codes for soft decode-and-forward in half-duplex relay channels. *Azmi, M.H., +, J-SAC Aug. 2013 1402-1413*

On the Capacity Region of Cognitive Multiple Access over White Space Channels. *Zhang, Huazi, +, J-SAC November 2013 2517-2527*

Opportunistic Routing in Intermittently Connected Mobile P2P Networks. *Wang, Shengling, +, J-SAC September 2013 369-378*

Whether and where to code in the wireless packet erasure relay channel. *Shi, X., +, J-SAC Aug. 2013 1379-1389*

Renewable energy sources

GreenCharge: Managing Renewable Energy in Smart Buildings. *Mishra, Aditya, +, J-SAC July 2013 1281-1293*

Heterogeneous Delay Tolerant Task Scheduling and Energy Management in the Smart Grid with Renewable Energy. *Chen, Shengbo, +, J-SAC July 2013 1258-1267*

Resource allocation

A Holistic Approach to Service Delivery in Driver-in-the-Loop Vehicular CPS. *Li, Xu, +, J-SAC September 2013 513-522*

Continuous Power Allocation Strategies for Sensing-Based Multiband Spectrum Sharing. *Chen, Zhong, +, J-SAC November 2013 2409-2419*

Design and Experimental Validation of a GMPLS/PCE Control Plane for Elastic CO-OFDM Optical Networks. *Casellas, Ramon, +, J-SAC January 2013 49-61*

Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays. *Wang, Shaowei, +, J-SAC November 2013 2432-2441*

Incentive Provision and Job Allocation in Social Cloud Systems. *Zhang, Yu, +, J-SAC September 2013 607-617*

Multiuser Resource Allocation Optimization Using Bandwidth-Power Product in Cognitive Radio Networks. *Tachwali, Yahia, +, J-SAC March 2013 451-463*

On Characterizing Peer-to-Peer Streaming Traffic. *Yang, Jie, +, J-SAC September 2013 175-188*

Radio Resource Allocation in Multiuser Distributed Antenna Systems. *Zhu, Huiling, +, J-SAC October 2013 2058-2066*

Resource management

A Framework for Cooperative Resource Management in Mobile Cloud Computing. *Kaewpuang, Rakpong, +, J-SAC December 2013 2685-2700*

Efficiency Resource Allocation for Device-to-Device Underlay Communication Systems: A Reverse Iterative Combinatorial Auction Based Approach. *Xu, Chen, +, J-SAC September 2013 348-358*

Rician channels

Energy-Efficient Relaying over Multiple Slots with Causal CSI. *Ho, Chin Keong, +, J-SAC August 2013 1494-1505*

Partner Selection in Indoor-to-Outdoor Cooperative Networks: An Experimental Study. *Castiglione, P., +, J-SAC August 2013 1559-1571*

Wideband Channel Modeling and Inter-carrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems. *Cheng, Xiang, +, J-SAC September 2013 434-448*

Road safety

A Holistic Approach to Service Delivery in Driver-in-the-Loop Vehicular CPS. *Li, Xu, +, J-SAC September 2013 513-522*

Analytic Design of Active Safety Systems for Vehicular Ad hoc Networks. *Nekoui, Mohammad, +, J-SAC September 2013 491-503*

CAH-MAC: Cooperative ADHOC MAC for Vehicular Networks. *Bharati, Sailesh, +, J-SAC September 2013 470-479*

Road traffic

A Scalable Vehicular Network Architecture for Traffic Information Sharing. *Zhou, Jiazhen, +, J-SAC September 2013 85-93*

Roads

LSR: Mitigating Zero-Day Sybil Vulnerability in Privacy-Preserving Vehicular Peer-to-Peer Networks. *Lin, Xiaodong, +, J-SAC September 2013 237-246*

Robust control

Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks. *Gong, Shimin, +, J-SAC November 2013 2397-2408*

Routing

A Naming Scheme for P2P Web Hosting. *Bari, Md. Faizul, +, J-SAC September 2013 299-309*

A Unified Unicast and Multicast Routing and Forwarding Algorithm for Software-Defined Datacenter Networks. *Jia, Wen-Kang, +, J-SAC December 2013 2646-2657*

Data Centers as Software Defined Networks: Traffic Redundancy Elimination with Wireless Cards at Routers. *Cui, Yong, +, J-SAC December 2013 2658-2672*

Opportunistic Routing in Intermittently Connected Mobile P2P Networks. *Wang, Shengling, +, J-SAC September 2013 369-378*

Scalable Multi-Class Traffic Management in Data Center Backbone Networks. *Ghosh, Amitabha, +, J-SAC December 2013 2673-2684*

Self-Adaptive Context Data Distribution with Quality Guarantees in Mobile P2P Networks. *Fanelli, Mario, +, J-SAC September 2013 115-131*

S

Safety

IEEE 802.11p Based Vehicular Networking Operational Pilot Field Measurement. *Sukuvaara, Timo, +, J-SAC September 2013 409-417*

Scalability

Optimal Rate Allocation for P2P Video Streaming. *Lima, Livio, +, J-SAC September 2013 200-213*

SR-IOV Based Network Interrupt-Free Virtualization with Event Based Polling. *Guan, HaiBing, +, J-SAC December 2013 2596-2609*

Scheduling

Balancing Spectral Efficiency, Energy Consumption, and Fairness in Future Heterogeneous Wireless Systems with Reconfigurable Devices. *Amin, Rahul, +, J-SAC May 2013 969-980*

Distributed Opportunistic Scheduling for Wireless Ad-Hoc Networks with Block-Fading Model. *Chen, Hua, +, J-SAC November 2013 2324-2337*

Dynamic Traffic Control with Fairness and Throughput Optimization Using Vehicular Communications. *Chen, Lien-Wu, +, J-SAC September 2013 504-512*

Energy-Efficient Coordinated Scheduling Mechanism for Cellular Communication Systems with Multiple Component Carriers. *Chen, Huaxia, +, J-SAC May 2013 959-968*

Energy-Spectrum Efficiency Tradeoff for Video Streaming over Mobile Ad Hoc Networks. *Zhou, Liang, +, J-SAC May 2013 981-991*

Low Delay MAC Scheduling for Frequency-Agile Multi-Radio Wireless Networks. *Chatterjee, Avhishek, +, J-SAC November 2013 2262-2275*

nPlug: An Autonomous Peak Load Controller. *Ganu, Tanuja, +, J-SAC July 2013 1205-1218*

Opportunistic Spectrum Scheduling by Jointly Exploiting Channel Correlation and PU Traffic Memory. *Wang, Shanshan, +, J-SAC March 2013 394-405*

- Resource Allocation in Cognitive Radio Relay Networks. *Liang, Jui-Chi, +, J-SAC March 2013 476-488*
- Throughput and Stability for Relay-Assisted Wireless Broadcast with Network Coding. *Sagduyu, Yalin E., +, J-SAC August 2013 1506-1516*
- Topological Conditions for In-Network Stabilization of Dynamical Systems. *Pajic, Miroslav, +, J-SAC April 2013 794-807*
- Two-Stage Channel Quantization for Scheduling and Beamforming in Network MIMO Systems: Feedback Design and Scaling Laws. *Khoshnevis, Behrouz, +, J-SAC October 2013 2028-2042*
- Search engines**
- A Measurement Framework for Directed Networks. *Salehi, Mostafa, +, J-SAC June 2013 1007-1016*
- Search problems**
- Energy-Efficient Repulsive Cell Activation for Heterogeneous Cellular Networks. *Cho, Sung-rae, +, J-SAC May 2013 870-882*
- Low Delay MAC Scheduling for Frequency-Agile Multi-Radio Wireless Networks. *Chatterjee, Avhishek, +, J-SAC November 2013 2262-2275*
- Secondary cells**
- Increasing Smart Meter Privacy Through Energy Harvesting and Storage Devices. *Tan, Onur, +, J-SAC July 2013 1331-1341*
- Security**
- Interconnection Framework for mHealth and Remote Monitoring Based on the Internet of Things. *Jara, Antonio J., +, J-SAC September 2013 47-65*
- LSR: Mitigating Zero-Day Sybil Vulnerability in Privacy-Preserving Vehicular Peer-to-Peer Networks. *Lin, Xiaodong, +, J-SAC September 2013 237-246*
- Security of data**
- A Multi-Sensor Energy Theft Detection Framework for Advanced Metering Infrastructures. *McLaughlin, Stephen, +, J-SAC July 2013 1319-1330*
- Semantics**
- THash: A Practical Network Optimization Scheme for DHT-based P2P Applications. *Sun, Yi, +, J-SAC September 2013 379-390*
- Senior citizens**
- mHealth Technologies for Chronic Diseases and Elders: A Systematic Review. *Chiarini, Giovanni, +, J-SAC September 2013 6-18*
- Sensitivity analysis**
- On the Measurement of Duty Cycle and Channel Occupancy Rate. *Lehtomaki, Janne J., +, J-SAC November 2013 2555-2565*
- Stability and Sensitivity Analysis of Traffic-Shaping Algorithms Inspired by Chemical Engineering. *Monti, Massimo, +, J-SAC June 2013 1105-1114*
- Sensors**
- Interconnection Framework for mHealth and Remote Monitoring Based on the Internet of Things. *Jara, Antonio J., +, J-SAC September 2013 47-65*
- Servers**
- A Framework for Cooperative Resource Management in Mobile Cloud Computing. *Kaewpuang, Rakpong, +, J-SAC December 2013 2685-2700*
- Automatic and Autonomous Load Management in Peer-to-Peer Virtual Environments. *Almashor, Mahathir, +, J-SAC September 2013 310-324*
- Data Centers as Software Defined Networks: Traffic Redundancy Elimination with Wireless Cards at Routers. *Cui, Yong, +, J-SAC December 2013 2658-2672*
- Dynamic Request Splitting for Interactive Cloud Applications. *Hajjat, Mohammad, +, J-SAC December 2013 2722-2737*
- m-Carer: Privacy-Aware Monitoring for People with Mild Cognitive Impairment and Dementia. *Solanas, Agusti, +, J-SAC September 2013 19-27*
- Performance Investigation on Request Collisions in Peer-To-Peer Live Streaming Systems: Problems and Algorithms. *Chen, Yishuai, +, J-SAC September 2013 189-199*
- THash: A Practical Network Optimization Scheme for DHT-based P2P Applications. *Sun, Yi, +, J-SAC September 2013 379-390*
- Set theory**
- Linear Function Computation in Networks: Duality and Constant Gap Results. *Zhan, Jiening, +, J-SAC April 2013 620-638*
- Understanding Evolution of Inter-Group Relationships Using Bipartite Networks. *Ghosh, Saptarshi, +, J-SAC September 2013 584-594*
- Sigma-delta modulation**
- Frequency-Agile Multiband Quadrature Sigma-Delta Modulator for Cognitive Radio: Analysis, Design and Digital Post-Processing. *Marttila, Jaakko, +, J-SAC November 2013 2222-2236*
- Signal detection**
- Element-Based Lattice Reduction Algorithms for Large MIMO Detection. *Zhou, Qi, +, J-SAC February 2013 274-286*
- Fuzzy-Logic Based Framework for Spectrum Availability Assessment in Cognitive Radio Systems. *Matinmikko, Marja, +, J-SAC November 2013 2173-2184*
- MAC Protocol Design and Performance Analysis for Random Access Cognitive Radio Networks. *Chen, Qian, +, J-SAC November 2013 2289-2300*
- Machine Learning Techniques for Cooperative Spectrum Sensing in Cognitive Radio Networks. *Thilina, Karaputugala Madushan, +, J-SAC November 2013 2209-2221*
- Multiple Antenna Cyclostationary Spectrum Sensing Based on the Cyclic Correlation Significance Test. *Urriza, Paulo, +, J-SAC November 2013 2185-2195*
- RECOG: A Sensing-Based Cognitive Radio System with Real-Time Application Support. *Tan, Kefeng, +, J-SAC November 2013 2504-2516*
- Resource Allocation for Heterogeneous Cognitive Radio Networks with Imperfect Spectrum Sensing. *Wang, Shaowei, +, J-SAC March 2013 464-475*
- Spectrum Sensing for Cognitive Radios Based on Directional Statistics of Polarization Vectors. *Guo, Caili, +, J-SAC March 2013 379-393*
- Spectrum Sensing for OFDM Signals Using Pilot Induced Auto-Correlations. *Zeng, Yonghong, +, J-SAC March 2013 353-363*
- Traffic-Aware Channel Sensing Order in Dynamic Spectrum Access Networks. *Liu, Chun-Hao, +, J-SAC November 2013 2312-2323*
- Signal processing**
- A Novel AWSF Algorithm for DOA Estimation in Virtual MIMO Systems. *Chen, Haihua, +, J-SAC October 2013 1994-2003*
- Optimal Relay Selection for Physical-Layer Security in Cooperative Wireless Networks. *Zou, Yulong, +, J-SAC October 2013 2099-2111*
- Wireless User Authentication via Comparison of Power Spectral Densities. *Tugnait, Jitendra K., +, J-SAC September 2013 1791-1802*
- Signal sampling**
- Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong, +, J-SAC September 2013 460-469*
- Signal to noise ratio**
- Coding and system design for quantize-map-and-forward relaying. *Nagpal, V., +, J-SAC Aug. 2013 1423-1435*
- Interference Aware Routing Using Network Formation Game in Cognitive Radio Mesh Networks. *Yuan, Zhou, +, J-SAC November 2013 2494-2503*
- Simulation**
- Performance Investigation on Request Collisions in Peer-To-Peer Live Streaming Systems: Problems and Algorithms. *Chen, Yishuai, +, J-SAC September 2013 189-199*
- Smart grids**
- Guest Editorial: Smart Grid Communications. *Golmie, Nada, +, J-SAC July 2013 1169-1171*
- Privacy-Preserving Energy Theft Detection in Smart Grids: A P2P Computing Approach. *Salinas, Sergio, +, J-SAC September 2013 257-267*
- Smart meters**
- A Multi-Sensor Energy Theft Detection Framework for Advanced Metering Infrastructures. *McLaughlin, Stephen, +, J-SAC July 2013 1319-1330*
- Increasing Smart Meter Privacy Through Energy Harvesting and Storage Devices. *Tan, Onur, +, J-SAC July 2013 1331-1341*
- Smart phones**
- m-Carer: Privacy-Aware Monitoring for People with Mild Cognitive Impairment and Dementia. *Solanas, Agusti, +, J-SAC September 2013 19-27*
- mHealth Technologies for Chronic Diseases and Elders: A Systematic Review. *Chiarini, Giovanni, +, J-SAC September 2013 6-18*
- Privacy-Preserving Profile Matching for Proximity-Based Mobile Social Networking. *Zhang, Rui, +, J-SAC September 2013 656-668*
- Verifiable Privacy-Preserving Aggregation in People-Centric Urban Sensing Systems. *Zhang, Rui, +, J-SAC September 2013 268-278*
- Smart power grids**
- A Multi-Sensor Energy Theft Detection Framework for Advanced Metering Infrastructures. *McLaughlin, Stephen, +, J-SAC July 2013 1319-1330*
- Bidirectional Energy Trading and Residential Load Scheduling with Electric Vehicles in the Smart Grid. *Kim, Byung-Gook, +, J-SAC July 2013 1219-1234*
- Demand Response Management via Real-Time Electricity Price Control in Smart Grids. *Qian, Li Ping, +, J-SAC July 2013 1268-1280*
- Distributed Privacy-Preserving Aggregation of Metering Data in Smart Grids. *Rottondi, Cristina, +, J-SAC July 2013 1342-1354*
- Energy Service Interface: Accessing to Customer Energy Resources for Smart Grid Interoperation. *Lee, Eun-Kyu, +, J-SAC July 2013 1195-1204*
- GreenCharge: Managing Renewable Energy in Smart Buildings. *Mishra, Aditya, +, J-SAC July 2013 1281-1293*

- Heterogeneous Delay Tolerant Task Scheduling and Energy Management in the Smart Grid with Renewable Energy. *Chen, Shengbo, +, J-SAC July 2013 1258-1267*
- On Topology Attack of a Smart Grid: Undetectable Attacks and Countermeasures. *Kim, Jinsub, +, J-SAC July 2013 1294-1305*
- Sparse Attack Construction and State Estimation in the Smart Grid: Centralized and Distributed Models. *Ozay, Mete, +, J-SAC July 2013 1306-1318*
- The Role of Aggregators in Smart Grid Demand Response Markets. *Gkatzikis, Lazaros, +, J-SAC July 2013 1247-1257*
- Social network services**
- A Distributed Algorithm for Identifying Information Hubs in Social Networks. *Ilyas, Muhammad U., +, J-SAC September 2013 629-640*
- Accelerating Peer-to-Peer File Sharing with Social Relations. *Wang, Haiyang, +, J-SAC September 2013 66-74*
- Conjoining Speeds up Information Diffusion in Overlaying Social-Physical Networks. *Yagan, Osman, +, J-SAC June 2013 1038-1048*
- Cooperation Dynamics on Collaborative Social Networks of Heterogeneous Population. *Wei, Guiyi, +, J-SAC June 2013 1135-1146*
- Emerging technologies in communications. *Ohta, Naohisa, +, J-SAC September 2013 1-5*
- From Technological Networks to Social Networks. *Chen, Kwang-Cheng, +, J-SAC September 2013 548-572*
- Fully Anonymous Profile Matching in Mobile Social Networks. *Liang, Xiaohui, +, J-SAC September 2013 641-655*
- Identifying Leaders and Followers in Online Social Networks. *Shafiq, M. Zubair, +, J-SAC September 2013 618-628*
- Incentive Provision and Job Allocation in Social Cloud Systems. *Zhang, Yu, +, J-SAC September 2013 607-617*
- On Budgeted Influence Maximization in Social Networks. *Nguyen, Huy, +, J-SAC June 2013 1084-1094*
- On Credibility Estimation Tradeoffs in Assured Social Sensing. *Wang, Dong, +, J-SAC June 2013 1026-1037*
- Privacy-Preserving Profile Matching for Proximity-Based Mobile Social Networking. *Zhang, Rui, +, J-SAC September 2013 656-668*
- The Role of Persistent Graphs in the Agreement Seeking of Social Networks. *Shi, Guodong, +, J-SAC September 2013 595-606*
- Understanding Evolution of Inter-Group Relationships Using Bipartite Networks. *Ghosh, Saptarshi, +, J-SAC September 2013 584-594*
- Social sciences**
- Tractable Bayesian Social Learning on Trees. *Kanoria, Yashodhan, +, J-SAC April 2013 756-765*
- Social sciences computing**
- Consensus, Polarization and Clustering of Opinions in Social Networks. *Li, Lin, +, J-SAC June 2013 1072-1083*
- Socio-economic effects**
- Selfish Mules: Social Profit Maximization in Sparse Sensornets using Rationally-Selfish Human Relays. *Yang, Shusen, +, J-SAC June 2013 1124-1134*
- Sociology**
- Automatic and Autonomous Load Management in Peer-to-Peer Virtual Environments. *Almashor, Mahathir, +, J-SAC September 2013 310-324*
- Software radio**
- Frequency-Agile Multiband Quadrature Sigma-Delta Modulator for Cognitive Radio: Analysis, Design and Digital Post-Processing. *Marttila, Jaakko, +, J-SAC November 2013 2222-2236*
- Wireless Network Coding via Modified 802.11 MAC/PHY: Design and Implementation on SDR. *Firooz, Mohammad H., +, J-SAC August 2013 1618-1628*
- Source coding**
- Communicating the Sum of Sources Over a Network. *Ramamoorthy, Aditya, +, J-SAC April 2013 655-665*
- Distributed Function Computation with Confidentiality. *Tyagi, Himanshu, +, J-SAC April 2013 691-701*
- Space-time codes**
- A Symbol-by-Symbol Cooperative Diversity Scheme for Relay-Assisted UWB Communications with PPM. *Abou-Rjeily, Chadi, +, J-SAC August 2013 1436-1445*
- Special issues and sections**
- Emerging technologies in communications. *Ohta, Naohisa, +, J-SAC September 2013 1-5*
- Guest Editorial Next-Generation Spectrum-Efficient and Elastic Optical Transport Networks. *Shen, Gangxiang, +, J-SAC January 2013 1-3*
- Guest Editorial Spectrum and Energy Efficient Design of Wireless Communication Networks: Part I. *Yang, Yang, +, J-SAC May 2013 825-828*
- Guest Editorial: In-Network Computation: Exploring the Fundamental Limits. *Kumar, P. R., +, J-SAC April 2013 617-619*
- Guest Editorial: Large-Scale Multiple Antenna Wireless Systems. *Matthaiou, Michail, +, J-SAC February 2013 113-116*
- Guest Editorial: Network science. *Basu, P., +, J-SAC June 2013 993-996*
- Guest Editorial: Networking Challenges in Cloud Computing Systems and Applications. *Wei, David S. L., +, J-SAC December 2013 2593-2595*
- Guest Editorial: Signal Processing for Wireless Physical Layer Security}. *Jorswieck, Eduard, +, J-SAC September 2013 1657-1659*
- Guest Editorial: Smart Grid Communications. *Golmie, Nada, +, J-SAC July 2013 1169-1171*
- Guest Editorial: Theories and Methods for Advanced Wireless Relays — Issue II. *Hua, Yingbo, +, J-SAC August 2013 1361-1367*
- Guest Editorial: Virtual MIMO. *Zhou, Yiqing, +, J-SAC October 2013 1977-1980*
- Spectral analysis**
- A Generic Mathematical Model Based on Fuzzy Set Theory for Frequency Reuse in Cellular Networks. *Tao, Xiaofeng, +, J-SAC May 2013 861-869*
- Energy-Efficient Coordinated Scheduling Mechanism for Cellular Communication Systems with Multiple Component Carriers. *Chen, Huaxia, +, J-SAC May 2013 959-968*
- Spread spectrum communication**
- Primary User Traffic Estimation for Dynamic Spectrum Access. *Gabran, Wesam, +, J-SAC March 2013 544-558*
- Stability**
- Stability and Sensitivity Analysis of Traffic-Shaping Algorithms Inspired by Chemical Engineering. *Monti, Massimo, +, J-SAC June 2013 1105-1114*
- Topological Conditions for In-Network Stabilization of Dynamical Systems. *Pajic, Miroslav, +, J-SAC April 2013 794-807*
- State estimation**
- HMM-Based Malicious User Detection for Robust Collaborative Spectrum Sensing. *He, Xiaofan, +, J-SAC November 2013 2196-2208*
- Statistical analysis**
- Computing Statistical Functions in Wired Networks. *Sappidi, Rajasekhar, +, J-SAC April 2013 731-742*
- Continuous Power Allocation Strategies for Sensing-Based Multiband Spectrum Sharing. *Chen, Zhong, +, J-SAC November 2013 2409-2419*
- Effective Utilization of User Resources in PA-VoD Systems with Channel Heterogeneity. *Chang, Le, +, J-SAC September 2013 227-236*
- Joint Spectrum and Power Efficiencies Optimization for Statistical QoS Provisionings Over SISO/MIMO Wireless Networks. *Cheng, Wenchi, +, J-SAC May 2013 903-915*
- QoS-Aware Power Allocations for Maximizing Effective Capacity Over Virtual-MIMO Wireless Networks. *Cheng, Wenchi, +, J-SAC October 2013 2043-2057*
- Spectrum Sensing for Cognitive Radios Based on Directional Statistics of Polarization Vectors. *Guo, Caili, +, J-SAC March 2013 379-393*
- Verifiable Privacy-Preserving Aggregation in People-Centric Urban Sensing Systems. *Zhang, Rui, +, J-SAC September 2013 268-278*
- Statistical testing**
- Spectrum Sensing for Cognitive Radios Based on Directional Statistics of Polarization Vectors. *Guo, Caili, +, J-SAC March 2013 379-393*
- Statistics**
- Automatic and Autonomous Load Management in Peer-to-Peer Virtual Environments. *Almashor, Mahathir, +, J-SAC September 2013 310-324*
- Steiner trees**
- Datacast: A Scalable and Efficient Reliable Group Data Delivery Service for Data Centers. *Cao, Jiaxin, +, J-SAC December 2013 2632-2645*
- Stochastic processes**
- Achievable Spatial Throughput in Multi-Antenna Cognitive Underlay Networks with Multi-Hop Relaying. *Zaidi, Syed Ali Raza, +, J-SAC August 2013 1543-1558*
- An Integrated Contract and Auction Design for Secondary Spectrum Trading. *Gao, Lin, +, J-SAC March 2013 581-592*
- Intervehicle Communication: Cox-Fox Modeling. *Jeong, Youngmin, +, J-SAC September 2013 418-433*
- On the Resilience of Wireless Multiuser Networks to Passive and Active Eavesdroppers. *Chorti, Arsenia, +, J-SAC September 2013 1850-1863*
- Throughput and Stability for Relay-Assisted Wireless Broadcast with Network Coding. *Sagduyu, Yalin E., +, J-SAC August 2013 1506-1516*
- Wideband Channel Modeling and Inter-carrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems. *Cheng, Xiang, +, J-SAC September 2013 434-448*

Stochastic programming

Energy Efficient Heterogeneous Cellular Networks. *Soh, Yong Sheng, +, J-SAC May 2013 840-850*

Streaming media

Optimal Rate Allocation for P2P Video Streaming. *Lima, Livio, +, J-SAC September 2013 200-213*

Packet Loss Recovery Scheme with Uniquely-Decodable Codes for Streaming Multimedia over P2P Networks. *Yu, Qi-Yue, +, J-SAC September 2013 142-154*

Providing Fast Channel Switching in P2P IPTV Systems. *Manzato, Daniel A. G., +, J-SAC September 2013 326-337*

Scalable Multi-Class Traffic Management in Data Center Backbone Networks. *Ghosh, Amitabha, +, J-SAC December 2013 2673-2684*

Supply and demand

GreenCharge: Managing Renewable Energy in Smart Buildings. *Mishra, Aditya, +, J-SAC July 2013 1281-1293*

Support vector machines

Machine Learning Techniques for Cooperative Spectrum Sensing in Cognitive Radio Networks. *Thilina, Karaputugala Madushan, +, J-SAC November 2013 2209-2221*

Switches

Providing Fast Channel Switching in P2P IPTV Systems. *Manzato, Daniel A. G., +, J-SAC September 2013 326-337*

Synchronization

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong, +, J-SAC September 2013 460-469*

Continuous-Time Analysis of the Simple Averaging Scheme for Global Clock Synchronization in Sparsely Populated MANETs. *Sasabe, Masahiro, +, J-SAC April 2013 782-793*

Enhancing Survivability in Virtualized Data Centers: A Service-Aware Approach. *Xu, Jielong, +, J-SAC December 2013 2610-2619*

Spectrum-Efficient Coherent Optical OFDM for Transport Networks. *Dai, Linglong, +, J-SAC January 2013 62-74*

System performance

Performance Investigation on Request Collisions in Peer-To-Peer Live Streaming Systems: Problems and Algorithms. *Chen, Yishuai, +, J-SAC September 2013 189-199*

System recovery

Characterizing Inter-Domain Rerouting by Betweenness Centrality after Disruptive Events. *Liu, Yujing, +, J-SAC June 2013 1147-1157*

Systematics

mHealth Technologies for Chronic Diseases and Elders: A Systematic Review. *Chiarini, Giovanni, +, J-SAC September 2013 6-18*

T**Target tracking**

Impact of In-Network Aggregation on Target Tracking Quality Under Network Delays. *Wei, Wei, +, J-SAC April 2013 808-818*

Telecommunication channels

Computation over Mismatched Channels. *Karamchandani, Nikhil, +, J-SAC April 2013 666-677*

Secrecy Capacity per Unit Cost. *El-Halabi, Mustafa, +, J-SAC September 2013 1909-1920*

What Should Secondary Users Do Upon Incumbents' Return?. *Zhang, Caoxie, +, J-SAC March 2013 417-428*

Telecommunication computing

Machine Learning Techniques for Cooperative Spectrum Sensing in Cognitive Radio Networks. *Thilina, Karaputugala Madushan, +, J-SAC November 2013 2209-2221*

Multi-Session Function Computation and Multicasting in Undirected Graphs. *Kannan, Sreeram, +, J-SAC April 2013 702-713*

Telecommunication congestion control

Achieving Full Secrecy Rate with Low Packet Delays: An Optimal Control Approach. *Mao, Zhoujia, +, J-SAC September 2013 1944-1956*

Computing Statistical Functions in Wired Networks. *Sappidi, Rajasekhar, +, J-SAC April 2013 731-742*

Dynamic Traffic Control with Fairness and Throughput Optimization Using Vehicular Communications. *Chen, Lien-Wu, +, J-SAC September 2013 504-512*

Service Response Time of Elastic Data Traffic in Cognitive Radio Networks. *Gunawardena, Subodha, +, J-SAC March 2013 559-570*

Stability and Sensitivity Analysis of Traffic-Shaping Algorithms Inspired by Chemical Engineering. *Monti, Massimo, +, J-SAC June 2013 1105-1114*

Telecommunication control

Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin, +, J-SAC November 2013 2387-2396*

Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. *Luo, Changqing, +, J-SAC November 2013 2442-2452*

Fuzzy-Logic Based Framework for Spectrum Availability Assessment in Cognitive Radio Systems. *Matinmikko, Marja, +, J-SAC November 2013 2173-2184*

Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks. *Gong, Shimin, +, J-SAC November 2013 2397-2408*

Topological Conditions for In-Network Stabilization of Dynamical Systems. *Pajic, Miroslav, +, J-SAC April 2013 794-807*

Telecommunication industry

Complexity of Allocation Problems in Spectrum Markets with Interference Complementarities. *Zhou, Hang, +, J-SAC March 2013 489-499*

Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N., +, J-SAC May 2013 916-925*

Selfish Mules: Social Profit Maximization in Sparse Sensor Networks using Rationally-Selfish Human Relays. *Yang, Shusen, +, J-SAC June 2013 1124-1134*

Vehicular Communications Using DSRC: Challenges, Enhancements, and Evolution. *Wu, Xinzhou, +, J-SAC September 2013 399-408*

Telecommunication links

BANA: Body Area Network Authentication Exploiting Channel Characteristics. *Shi, Lu, +, J-SAC September 2013 1803-1816*

Telecommunication network management

Automating Cloud Network Optimization and Evolution. *Wu, Zhenyu, +, J-SAC December 2013 2620-2631*

CAH-MAC: Cooperative ADHOC MAC for Vehicular Networks. *Bharati, Sailesh, +, J-SAC September 2013 470-479*

Computing Statistical Functions in Wired Networks. *Sappidi, Rajasekhar, +, J-SAC April 2013 731-742*

Dynamic Traffic Control with Fairness and Throughput Optimization Using Vehicular Communications. *Chen, Lien-Wu, +, J-SAC September 2013 504-512*

Guest Editorial: In-Network Computation: Exploring the Fundamental Limits. *Kumar, P. R., +, J-SAC April 2013 617-619*

Secure Key Generation in Sensor Networks Based on Frequency-Selective Channels. *Wilhelm, Matthias, +, J-SAC September 2013 1779-1790*

Telecommunication network planning

On Characterizing Peer-to-Peer Streaming Traffic. *Yang, Jie, +, J-SAC September 2013 175-188*

On Set Size Distribution Estimation and the Characterization of Large Networks via Sampling. *Murai, Fabricio, +, J-SAC June 2013 1017-1025*

Relay Deployment in Cellular Networks: Planning and Optimization. *Guo, Weisi, +, J-SAC August 2013 1597-1606*

Telecommunication network reliability

CAH-MAC: Cooperative ADHOC MAC for Vehicular Networks. *Bharati, Sailesh, +, J-SAC September 2013 470-479*

Censored Truncated Sequential Spectrum Sensing for Cognitive Radio Networks. *Maleki, Sina, +, J-SAC March 2013 364-378*

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong, +, J-SAC September 2013 460-469*

Distributed Network Secrecy. *Lee, Jemin, +, J-SAC September 2013 1889-1900*

Game Theoretic Aspects of the Multi-Channel ALOHA Protocol in Cognitive Radio Networks. *Cohen, Kobi, +, J-SAC November 2013 2276-2288*

Limits of Reliable Communication with Low Probability of Detection on AWGN Channels. *Bash, Boulat A., +, J-SAC September 2013 1921-1930*

Relay Selection and Performance Analysis in Multiple-User Networks. *Atapattu, Saman, +, J-SAC August 2013 1517-1529*

Reliability-Rate Tradeoff in Large-Scale Multiple Access Relay Networks. *Kim, Sang Wu, +, J-SAC August 2013 1414-1422*

Sum Secure Degrees of Freedom of Two-Unicast Layered Wireless Networks. *Xie, Jianwei, +, J-SAC September 2013 1931-1943*

Vehicular Communications Using DSRC: Challenges, Enhancements, and Evolution. *Wu, Xinzhou, +, J-SAC September 2013 399-408*

Telecommunication network routing

Admissible Length Study in Anonymous Networking: A Detection Theoretic Perspective. *Mishra, Abhishek, +, J-SAC September 2013 1957-1969*

Characterizing Inter-Domain Rerouting by Betweenness Centrality after Disruptive Events. *Liu, Yujing, +, J-SAC June 2013 1147-1157*

Computing Statistical Functions in Wired Networks. *Sappidi, Rajasekhar, +, J-SAC April 2013 731-742*

Design and Experimental Validation of a GMPLS/PCE Control Plane for Elastic CO-OFDM Optical Networks. *Casellas, Ramon, +, J-SAC January 2013 49-61*

Distributed Privacy-Preserving Aggregation of Metering Data in Smart Grids. *Rottondi, Cristina, +, J-SAC July 2013 1342-1354*

Dynamic Traffic Grooming in Elastic Optical Networks. *Zhang, Shuqiang, +, J-SAC January 2013 4-12*

Time-Varying Spectrum Allocation Policies and Blocking Analysis in Flexible Optical Networks. *Christodoulopoulos, Konstantinos, +, J-SAC January 2013 13-25*

Telecommunication network topology

A New Adaptive Small-Cell Architecture. *Ni, Wei, +, J-SAC May 2013 829-839*

MAC Protocol Design and Performance Analysis for Random Access Cognitive Radio Networks. *Chen, Qian, +, J-SAC November 2013 2289-2300*

Resource-Minimized Channel Assignment for Multi-Transceiver Cognitive Radio Networks. *Irwin, Ryan E., +, J-SAC March 2013 442-450*

Topological Conditions for In-Network Stabilization of Dynamical Systems. *Pajic, Miroslav, +, J-SAC April 2013 794-807*

Telecommunication networks

Strategic Networks: Information Dissemination and Link Formation Among Self-Interested Agents. *Zhang, Yu, +, J-SAC June 2013 1115-1123*

Telecommunication power management

Decentralized Power Control for Random Access with Successive Interference Cancellation. *Xu, Chongbin, +, J-SAC November 2013 2387-2396*

Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays. *Wang, Shaowei, +, J-SAC November 2013 2432-2441*

Energy-Efficient Coordinated Scheduling Mechanism for Cellular Communication Systems with Multiple Component Carriers. *Chen, Huaxia, +, J-SAC May 2013 959-968*

Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. *Luo, Changqing, +, J-SAC November 2013 2442-2452*

Robust Power Control with Distribution Uncertainty in Cognitive Radio Networks. *Gong, Shimin, +, J-SAC November 2013 2397-2408*

Spectrum Assignment and Sharing for Delay Minimization in Multi-Hop Multi-Flow CRNs. *Li, Wei, +, J-SAC November 2013 2483-2493*

Telecommunication security

Distributed Network Secrecy. *Lee, Jemin, +, J-SAC September 2013 1889-1900*

Everlasting Secrecy by Exploiting Non-Idealities of the Eavesdropper's Receiver. *Sheikholeslami, Azadeh, +, J-SAC September 2013 1828-1839*

Exploiting Partial Channel State Information for Secrecy over Wireless Channels. *Bloch, Matthieu R., +, J-SAC September 2013 1840-1849*

Fully Anonymous Profile Matching in Mobile Social Networks. *Liang, Xi-aohui, +, J-SAC September 2013 641-655*

On Secrecy Rate of the Generalized Artificial-Noise Assisted Secure Beamforming for Wiretap Channels. *Lin, Pin-Hsun, +, J-SAC September 2013 1728-1740*

On the Jamming Power Allocation for Secure Amplify-and-Forward Relaying via Cooperative Jamming. *Park, Ki-Hong, +, J-SAC September 2013 1741-1750*

On the Resilience of Wireless Multiuser Networks to Passive and Active Eavesdroppers. *Chorti, Arsenia, +, J-SAC September 2013 1850-1863*

Optimal Relay Selection for Physical-Layer Security in Cooperative Wireless Networks. *Zou, Yulong, +, J-SAC October 2013 2099-2111*

Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. *Wu, Chih-Yao, +, J-SAC September 2013 1687-1700*

Secrecy Capacity per Unit Cost. *El-Halabi, Mustafa, +, J-SAC September 2013 1909-1920*

Secure Cooperative Data Downloading in Vehicular Ad Hoc Networks. *Hao, Yong, +, J-SAC September 2013 523-537*

Secure Key Generation in Sensor Networks Based on Frequency-Selective Channels. *Wilhelm, Matthias, +, J-SAC September 2013 1779-1790*

Sum Secure Degrees of Freedom of Two-Unicast Layered Wireless Networks. *Xie, Jianwei, +, J-SAC September 2013 1931-1943*

Transmit Solutions for MIMO Wiretap Channels using Alternating Optimization. *Li, Qiang, +, J-SAC September 2013 1714-1727*

Waveform Design for Secure SISO Transmissions and Multicasting. *Li, Ming, +, J-SAC September 2013 1864-1874*

Wireless User Authentication via Comparison of Power Spectral Densities. *Tugnait, Jitendra K., +, J-SAC September 2013 1791-1802*

Telecommunication services

Correction to "An Efficient Game Form for Multi-Rate Multicast Service Provisioning". *Kakhsod, Ali, +, J-SAC July 2013 1355-1356*

Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias, +, J-SAC September 2013 1901-1908*

Telecommunication switching

What Should Secondary Users Do Upon Incumbents' Return?. *Zhang, Caoxie, +, J-SAC March 2013 417-428*

Telecommunication traffic

A New Adaptive Small-Cell Architecture. *Ni, Wei, +, J-SAC May 2013 829-839*

Adaptive Spectrum Control and Management in Elastic Optical Networks. *Wen, Ke, +, J-SAC January 2013 39-48*

Admissible Length Study in Anonymous Networking: A Detection Theoretic Perspective. *Mishra, Abhishek, +, J-SAC September 2013 1957-1969*

Asymptotic Queuing Analysis for Dynamic Spectrum Access Networks in the Presence of Heavy Tails. *Wang, Pu, +, J-SAC March 2013 514-522*

CAH-MAC: Cooperative ADHOC MAC for Vehicular Networks. *Bharati, Sailesh, +, J-SAC September 2013 470-479*

Cross-Layer Scheduling for Cooperative Multi-Hop Cognitive Radio Networks. *Xue, Dongyue, +, J-SAC March 2013 534-543*

Dynamic Bargaining for Relay-Based Cooperative Spectrum Sharing. *Yan, Yang, +, J-SAC August 2013 1480-1493*

Dynamic Cell Expansion with Self-Organizing Cooperation. *Guo, Weisi, +, J-SAC May 2013 851-860*

Energy Efficient Transmissions in MIMO Cognitive Radio Networks. *Fu, Liqun, +, J-SAC November 2013 2420-2431*

Energy-Efficient Coordinated Scheduling Mechanism for Cellular Communication Systems with Multiple Component Carriers. *Chen, Huaxia, +, J-SAC May 2013 959-968*

Integrated Multi-Network Modeling Environment for Spectrum Management. *Beckman, Richard, +, J-SAC June 2013 1158-1168*

Intervehicle Communication: Cox-Fox Modeling. *Jeong, Youngmin, +, J-SAC September 2013 418-433*

On Characterizing Peer-to-Peer Streaming Traffic. *Yang, Jie, +, J-SAC September 2013 175-188*

Opportunistic Spectrum Scheduling by Jointly Exploiting Channel Correlation and PU Traffic Memory. *Wang, Shanshan, +, J-SAC March 2013 394-405*

Optimal Pricing Effect on Equilibrium Behaviors of Delay-Sensitive Users in Cognitive Radio Networks. *Tran, Nguyen H., +, J-SAC November 2013 2566-2579*

PHY-CRAM: Physical Layer Challenge-Response Authentication Mechanism for Wireless Networks. *Shan, Dan, +, J-SAC September 2013 1817-1827*

Primary User Traffic Estimation for Dynamic Spectrum Access. *Gabran, Wesam, +, J-SAC March 2013 544-558*

RECOG: A Sensing-Based Cognitive Radio System with Real-Time Application Support. *Tan, Kefeng, +, J-SAC November 2013 2504-2516*

Resource-Minimized Channel Assignment for Multi-Transceiver Cognitive Radio Networks. *Irwin, Ryan E., +, J-SAC March 2013 442-450*

Scalable Multi-Class Traffic Management in Data Center Backbone Networks. *Ghosh, Amitabha, +, J-SAC December 2013 2673-2684*

Service Response Time of Elastic Data Traffic in Cognitive Radio Networks. *Gunawardena, Subodha, +, J-SAC March 2013 559-570*

Stability and Sensitivity Analysis of Traffic-Shaping Algorithms Inspired by Chemical Engineering. *Monti, Massimo, +, J-SAC June 2013 1105-1114*

Throughput Maximization for the Gaussian Relay Channel with Energy Harvesting Constraints. *Huang, Chuan, +, J-SAC August 2013 1469-1479*

Time-Varying Spectrum Allocation Policies and Blocking Analysis in Flexible Optical Networks. *Christodoulopoulos, Konstantinos, +, J-SAC January 2013 13-25*

Traffic-Aware Channel Sensing Order in Dynamic Spectrum Access Networks. *Liu, Chun-Hao, +, J-SAC November 2013 2312-2323*

Wideband Channel Modeling and Inter-carrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems. *Cheng, Xiang, +, J-SAC September 2013 434-448*

Teleconferencing

Celerity: A Low-Delay Multi-Party Conferencing Solution. *Chen, Xi-angwen, +, J-SAC September 2013 155-164*

Telematics

Emerging technologies in communications. *Ohta, Naohisa, +, J-SAC September 2013 1-5*

Throughput

IEEE 802.11p Based Vehicular Networking Operational Pilot Field Measurement. *Sukuvaara, Timo, +, J-SAC September 2013 409-417*

Packet Loss Recovery Scheme with Uniquely-Decodable Codes for Streaming Multimedia over P2P Networks. *Yu, Qi-Yue, +, J-SAC September 2013 142-154*

Whether and where to code in the wireless packet erasure relay channel. *Shi, X., +, J-SAC Aug. 2013 1379-1389*

Time division multiple access

On the design of a novel joint network-channel coding scheme for the multiple access relay channel. *Hernaes, M., +, J-SAC August 2013 1368-1378*

Time division multiplexing

Evaluating Opportunistic Multi-Channel MAC: Is Diversity Gain Worth the Pain?. *Liu, Yang, +, J-SAC November 2013 2301-2311*

Massive MIMO in the UL/DL of Cellular Networks: How Many Antennas Do We Need?. *Hoydis, Jakob, +, J-SAC February 2013 160-171*

Time factors

Dynamic Request Splitting for Interactive Cloud Applications. *Hajjat, Mohammad, +, J-SAC December 2013 2722-2737*

Time measurement

A Measurement Study on the Topologies of BitTorrent Networks. *Su, Maging, +, J-SAC September 2013 338-347*

Time-frequency analysis

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong, +, J-SAC September 2013 460-469*

Spectrally Efficient Time-Frequency Training OFDM for Mobile Large-Scale MIMO Systems. *Dai, Linglong, +, J-SAC February 2013 251-263*

Time-varying channels

Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*

Topology

A Measurement Study on the Topologies of BitTorrent Networks. *Su, Maging, +, J-SAC September 2013 338-347*

Identifying Leaders and Followers in Online Social Networks. *Shafiq, M. Zubair, +, J-SAC September 2013 618-628*

The Wiring Economy Principle for Designing Inference Networks. *Varshney, Lav R., +, J-SAC June 2013 1095-1104*

Traffic information systems

A Scalable Vehicular Network Architecture for Traffic Information Sharing. *Zhou, Jiazhen, +, J-SAC September 2013 85-93*

Transfer functions

Frequency-Agile Multiband Quadrature Sigma-Delta Modulator for Cognitive Radio: Analysis, Design and Digital Post-Processing. *Marttila, Jaakko, +, J-SAC November 2013 2222-2236*

Transmitters

Exploiting Partial Channel State Information for Secrecy over Wireless Channels. *Bloch, Matthieu R., +, J-SAC September 2013 1840-1849*

Spatial Degrees of Freedom of Large Distributed MIMO Systems and Wireless Ad Hoc Networks. *Ozgun, Ayfer, +, J-SAC February 2013 202-214*

Transmitting antennas

Large System Analysis of Sum Capacity in the Gaussian MIMO Broadcast Channel. *Guthy, Christian, +, J-SAC February 2013 149-159*

Transport protocols

Fully Anonymous Profile Matching in Mobile Social Networks. *Liang, Xiaohui, +, J-SAC September 2013 641-655*

On Set Size Distribution Estimation and the Characterization of Large Networks via Sampling. *Murai, Fabricio, +, J-SAC June 2013 1017-1025*

Stability and Sensitivity Analysis of Traffic-Shaping Algorithms Inspired by Chemical Engineering. *Monti, Massimo, +, J-SAC June 2013 1105-1114*

Trees (mathematics)

Multi-Session Function Computation and Multicasting in Undirected Graphs. *Kannan, Sreeram, +, J-SAC April 2013 702-713*

Network Flows for Function Computation. *Shah, Virag, +, J-SAC April 2013 714-730*

Toward Efficient Distributed Algorithms for In-Network Binary Operator Tree Placement in Wireless Sensor Networks. *Lu, Zongqing, +, J-SAC April 2013 743-755*

Tractable Bayesian Social Learning on Trees. *Kanoria, Yashodhan, +, J-SAC April 2013 756-765*

Trellis codes

Joint Channel Estimation and Decoding for Trellis-Coded MIMO Two-Way Relay Networks. *Lehmann, Frederic, +, J-SAC August 2013 1455-1468*

Trusted computing

Verifiable Privacy-Preserving Aggregation in People-Centric Urban Sensing Systems. *Zhang, Rui, +, J-SAC September 2013 268-278*

U**Ultra wideband communication**

A Symbol-by-Symbol Cooperative Diversity Scheme for Relay-Assisted UWB Communications with PPM. *Abou-Rjeily, Chadi, +, J-SAC August 2013 1436-1445*

Unicast

A Unified Unicast and Multicast Routing and Forwarding Algorithm for Software-Defined Datacenter Networks. *Jia, Wen-Kang, +, J-SAC December 2013 2646-2657*

Upper bound

Capacity and Security of Heterogeneous Distributed Storage Systems. *Ernvall, Toni, +, J-SAC December 2013 2701-2709*

User interfaces

Identifying Leaders and Followers in Online Social Networks. *Shafiq, M. Zubair, +, J-SAC September 2013 618-628*

V**Variational techniques**

Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N., +, J-SAC May 2013 916-925*

Robust MIMO Cognitive Radio Systems Under Interference Temperature Constraints. *Yang, Yang, +, J-SAC November 2013 2465-2482*

Vehicle dynamics

Erratum. *J-SAC August 2013 1638*

IEEE 802.11p Based Vehicular Networking Operational Pilot Field Measurement. *Sukuvaara, Timo, +, J-SAC September 2013 409-417*

LSR: Mitigating Zero-Day Sybil Vulnerability in Privacy-Preserving Vehicular Peer-to-Peer Networks. *Lin, Xiaodong, +, J-SAC September 2013 237-246*

Vehicular ad hoc networks

A Roadside Scattering Model for the Vehicle-to-Vehicle Communication Channel. *Cheng, Lin, +, J-SAC September 2013 449-459*

Analytic Design of Active Safety Systems for Vehicular Ad hoc Networks. *Nekoui, Mohammad, +, J-SAC September 2013 491-503*

CAH-MAC: Cooperative ADHOC MAC for Vehicular Networks. *Bharati, Sailesh, +, J-SAC September 2013 470-479*

Dynamic Popular Content Distribution in Vehicular Networks using Coalition Formation Games. *Wang, Tianyu, +, J-SAC September 2013 538-547*

Dynamic Traffic Control with Fairness and Throughput Optimization Using Vehicular Communications. *Chen, Lien-Wu, +, J-SAC September 2013 504-512*

Intervehicle Communication: Cox-Fox Modeling. *Jeong, Youngmin, +, J-SAC September 2013 418-433*

Persistent Localized Broadcasting in VANETs. *Fiore, Marco, +, J-SAC September 2013 480-490*

Secure Cooperative Data Downloading in Vehicular Ad Hoc Networks. *Hao, Yong, +, J-SAC September 2013 523-537*

Vehicular Communications Using DSRC: Challenges, Enhancements, and Evolution. *Wu, Xinzhou, +, J-SAC September 2013 399-408*

Wideband Channel Modeling and Inter-carrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems. *Cheng, Xiang, +, J-SAC September 2013 434-448*

Vehicular and wireless technologies

Emerging technologies in communications. *Ohta, Naohisa, +, J-SAC September 2013 1-5*

Video coding

Cinematic-Quality VoD in a P2P Storage Cloud: Design, Implementation and Measurements. *Liu, Fangming, +, J-SAC September 2013 214-226*

Optimal Rate Allocation for P2P Video Streaming. *Lima, Livio, +, J-SAC September 2013 200-213*

Relay-Assisted Rateless Layered Multiple Description Video Delivery. *Nazir, Sajid, +, J-SAC August 2013 1629-1637*

Video communication

Relay-Assisted Rateless Layered Multiple Description Video Delivery. *Nazir, Sajid, +, J-SAC August 2013 1629-1637*

Video on demand

Cinematic-Quality VoD in a P2P Storage Cloud: Design, Implementation and Measurements. *Liu, Fangming, +, J-SAC September 2013 214-226*

Effective Utilization of User Resources in PA-VoD Systems with Channel Heterogeneity. *Chang, Le, +, J-SAC September 2013 227-236*

Waterfall: Video Distribution by Cascading Multiple Swarms. *Park, Kunwoo, +, J-SAC September 2013 165-174*

Video streaming

Cinematic-Quality VoD in a P2P Storage Cloud: Design, Implementation and Measurements. *Liu, Fangming, +, J-SAC September 2013 214-226*

Energy-Spectrum Efficiency Tradeoff for Video Streaming over Mobile Ad Hoc Networks. *Zhou, Liang, +, J-SAC May 2013 981-991*

RECOG: A Sensing-Based Cognitive Radio System with Real-Time Application Support. *Tan, Kefeng, +, J-SAC November 2013 2504-2516*

Waterfall: Video Distribution by Cascading Multiple Swarms. *Park, Kunwoo, +, J-SAC September 2013 165-174*

Virtual environments

Enhancing Survivability in Virtualized Data Centers: A Service-Aware Approach. *Xu, Jielong, +, J-SAC December 2013 2610-2619*

Guest Editorial: Virtual MIMO. *Zhou, Yiqing, +, J-SAC October 2013 1977-1980*

Virtual machine monitors

SR-IOV Based Network Interrupt-Free Virtualization with Event Based Polling. *Guan, HaiBing, +, J-SAC December 2013 2596-2609*

Virtual machining

Enhancing Survivability in Virtualized Data Centers: A Service-Aware Approach. *Xu, Jielong, +, J-SAC December 2013 2610-2619*

Virtual private networks

Moving Big Data to The Cloud: An Online Cost-Minimizing Approach. *Zhang, Linquan, +, J-SAC December 2013 2710-2721*

W

Washing machines

nPlug: An Autonomous Peak Load Controller. *Ganu, Tanuja, +, J-SAC July 2013 1205-1218*

Wavelength division multiplexing

Adaptive Spectrum Control and Management in Elastic Optical Networks. *Wen, Ke, +, J-SAC January 2013 39-48*

Design and Experimental Validation of a GMPLS/PCE Control Plane for Elastic CO-OFDM Optical Networks. *Casellas, Ramon, +, J-SAC January 2013 49-61*

Web services

A Novel Cooperation Strategy for Mobile Health Applications. *Silva, Bruno M. C., +, J-SAC September 2013 28-36*

On Characterizing Peer-to-Peer Streaming Traffic. *Yang, Jie, +, J-SAC September 2013 175-188*

Wireless channels

A Roadside Scattering Model for the Vehicle-to-Vehicle Communication Channel. *Cheng, Lin, +, J-SAC September 2013 449-459*

Achieving Full Secrecy Rate with Low Packet Delays: An Optimal Control Approach. *Mao, Zhoujia, +, J-SAC September 2013 1944-1956*

CAH-MAC: Cooperative ADHOC MAC for Vehicular Networks. *Bharati, Sailesh, +, J-SAC September 2013 470-479*

Channel Exploration and Exploitation with Imperfect Spectrum Sensing in Cognitive Radio Networks. *Zhang, Zhou, +, J-SAC March 2013 429-441*

Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. *Dai, Linglong, +, J-SAC September 2013 460-469*

Designing Two-Dimensional Spectrum Auctions for Mobile Secondary Users. *Zhu, Yuefei, +, J-SAC March 2013 604-613*

Efficient Resource Allocation for Cognitive Radio Networks with Cooperative Relays. *Wang, Shaowei, +, J-SAC November 2013 2432-2441*

Everlasting Secrecy by Exploiting Non-Idealities of the Eavesdropper's Receiver. *Sheikholeslami, Azadeh, +, J-SAC September 2013 1828-1839*

Hierarchical Market Competition in a Duopoly Super Wi-Fi Spectrum Market. *Kim, Hyoil, +, J-SAC November 2013 2580-2591*

Information Leakage Neutralization for the Multi-Antenna Non-Regenerative Relay-Assisted Multi-Carrier Interference Channel. *Ho, Zuleita, +, J-SAC September 2013 1672-1686*

Large System Analysis of Linear Precoding in MISO Broadcast Channels with Confidential Messages. *Geraci, Giovanni, +, J-SAC September 2013 1660-1671*

Min-Max Power Allocation in Cellular Networks With Coordinated Beamforming. *Zakhour, Randa, +, J-SAC February 2013 287-302*

On Capacity of Large-Scale MIMO Multiple Access Channels with Distributed Sets of Correlated Antennas. *Zhang, Jun, +, J-SAC February 2013 133-148*

Polar Coding for Bidirectional Broadcast Channels with Common and Confidential Messages. *Andersson, Mattias, +, J-SAC September 2013 1901-1908*

Power Minimization in MIMO Cognitive Networks using Beamforming Games. *Nguyen, Diep N., +, J-SAC May 2013 916-925*

Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. *Wu, Chih-Yao, +, J-SAC September 2013 1687-1700*

Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior. *Jiang, C., +, J-SAC March 2013 406-416*

Resource Allocation in Cognitive Radio Relay Networks. *Liang, Jui-Chi, +, J-SAC March 2013 476-488*

Resource-Minimized Channel Assignment for Multi-Transceiver Cognitive Radio Networks. *Irwin, Ryan E., +, J-SAC March 2013 442-450*

Secrecy Capacity per Unit Cost. *El-Halabi, Mustafa, +, J-SAC September 2013 1909-1920*

Secret Key Generation from Sparse Wireless Channels: Ergodic Capacity and Secrecy Outage. *Chou, Tzu-Han, +, J-SAC September 2013 1751-1764*

Secure Key Generation in Sensor Networks Based on Frequency-Selective Channels. *Wilhelm, Matthias, +, J-SAC September 2013 1779-1790*

Spectrum Sensing for OFDM Signals Using Pilot Induced Auto-Correlations. *Zeng, Yonghong, +, J-SAC March 2013 353-363*

Transmit Solutions for MIMO Wiretap Channels using Alternating Optimization. *Li, Qiang, +, J-SAC September 2013 1714-1727*

Two-Stage Channel Quantization for Scheduling and Beamforming in Network MIMO Systems: Feedback Design and Scaling Laws. *Khoshnevis, Behrouz, +, J-SAC October 2013 2028-2042*

Virtual MIMO in Multi-Cell Distributed Antenna Systems: Coordinated Transmissions with Large-Scale CSIT. *Feng, Wei, +, J-SAC October 2013 2067-2081*

Wireless User Authentication via Comparison of Power Spectral Densities. *Tugnait, Jitendra K., +, J-SAC September 2013 1791-1802*

Wireless communication

Coding-Aware Peer-to-Peer Data Repair in Multi-Rate Wireless Networks: A Game Theoretic Analysis. *Lu, Hsiao-Chen, +, J-SAC September 2013 391-398*

Estimating the Cardinality of a Mobile Peer-to-Peer Network. *Chen, Shiping, +, J-SAC September 2013 359-368*

Guest Editorial Spectrum and Energy Efficient Design of Wireless Communication Networks: Part I. *Yang, Yang, +, J-SAC May 2013 825-828*

Guest Editorial: Signal Processing for Wireless Physical Layer Security}. *Jorswieck, Eduard, +, J-SAC September 2013 1657-1659*

Guest Editorial: Theories and Methods for Advanced Wireless Relays — Issue II. *Hua, Yingbo, +, J-SAC August 2013 1361-1367*

Self-Adaptive Context Data Distribution with Quality Guarantees in Mobile P2P Networks. *Fanelli, Mario, +, J-SAC September 2013 115-131*

Whether and where to code in the wireless packet erasure relay channel. *Shi, X., +, J-SAC Aug. 2013 1379-1389*

Wireless LAN

Coding-Aware Peer-to-Peer Data Repair in Multi-Rate Wireless Networks: A Game Theoretic Analysis. *Lu, Hsiao-Chen, +, J-SAC September 2013 391-398*

Hierarchical Market Competition in a Duopoly Super Wi-Fi Spectrum Market. *Kim, Hyoil, +, J-SAC November 2013 2580-2591*

Secure Cooperative Data Downloading in Vehicular Ad Hoc Networks. *Hao, Yong, +, J-SAC September 2013 523-537*

Vehicular Communications Using DSRC: Challenges, Enhancements, and Evolution. *Wu, Xinzhou, +, J-SAC September 2013 399-408*

Wireless Network Coding via Modified 802.11 MAC/PHY: Design and Implementation on SDR. *Firooz, Mohammad H., +, J-SAC August 2013 1618-1628*

Wireless networks

Data Centers as Software Defined Networks: Traffic Redundancy Elimination with Wireless Cards at Routers. *Cui, Yong, +, J-SAC December 2013 2658-2672*

Guest Editorial Spectrum and Energy Efficient Design of Wireless Communication Networks: Part I. *Yang, Yang, +, J-SAC May 2013 825-828*

Wireless sensor networks

EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant Wireless Sensor and Actor Networks. *He, Shibo, +, J-SAC September 2013 75-84*

Erratum. *J-SAC August 2013 1638*

Impact of In-Network Aggregation on Target Tracking Quality Under Network Delays. *Wei, Wei, +, J-SAC April 2013 808-818*

Multi-Session Function Computation and Multicasting in Undirected Graphs. *Kannan, Sreeram, +, J-SAC April 2013 702-713*

Optimal Computation of Symmetric Boolean Functions in Collocated Networks. *Kowshik, Hemant, +, J-SAC April 2013 639-654*

Secure Key Generation in Sensor Networks Based on Frequency-Selective Channels. *Wilhelm, Matthias, +, J-SAC September 2013 1779-1790*

Toward Efficient Distributed Algorithms for In-Network Binary Operator Tree Placement in Wireless Sensor Networks. *Lu, Zongqing, +, J-SAC April 2013 743-755*

Utilizing Link Characterization for Improving the Performance of Aerial Wireless Sensor Networks. *Ahmed, Nadeem, +, J-SAC August 2013 1639-1649*

Whether and where to code in the wireless packet erasure relay channel. *Shi, X., +, J-SAC Aug. 2013 1379-1389*

Workstation clusters

A Scalable Vehicular Network Architecture for Traffic Information Sharing. *Zhou, Jiazhen, +, J-SAC September 2013 85-93*

Z**Zigbee**

Partner Selection in Indoor-to-Outdoor Cooperative Networks: An Experimental Study. *Castiglione, P., +, J-SAC August 2013 1559-1571*