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Image Processing

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Bennett A. Landman
Editors

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Robert F. Wagner was an active scientist in the SPIE Medical Imaging meeting, starting with the first meeting in 1972 and continuing throughout his career. He ensured that the BRH, and subsequently the CDRH, was a sponsor for the early and subsequent Medical Imaging meetings, helping to launch and ensure the historical success of the meeting. The Robert F. Wagner All-Conference Best Student Paper Award (established 2014) is acknowledgment of his many important contributions to the Medical Imaging meeting and his many important advances to the field of medical imaging.



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R. Han, A. Uneri, P. Wu, R. Vijayan, P. Vagdargi, M. Ketcha, N. Sheth, Johns Hopkins University (United States), S. Vogt, G. Kleinszig, Siemens Healthineers (Germany) G. M. Osgood, John Hopkins Hospital (United States), J. H. Siewerdsen, John Hopkins University (United States)

Second Place: **Phase contrast CT enabled three-material decomposition in spectral CT imaging (11312-47)**

Xu Ji, Ran Zhang, Ke Li, Guang-Hong Chen, University of Wisconsin School of Medicine and Public Health (United States)

Image Processing Student Paper Awards sponsored by 12 Sigma Technologies

Winner: **Coronary artery calcium scoring: can we do better? (11313-15)**

Sanne G.M. van Velzen, Bob D. de Vos, University Medical Center Utrecht and Utrecht University (Netherlands), Helena M. Verkooijen, Tim Leiner, University Medical Center Utrecht (Netherlands), Max A. Viergever, University Medical Center Utrecht and Utrecht University (Netherlands), Ivana Išgume, University Medical Center Utrecht and Amsterdam University Medical Center (Netherlands)

Runner-up: Validation and optimization of multi-organ segmentation on clinical imaging archives (11313-95)

Olivia Tang, Yuchen Xu, Yucheng Tang, Ho Hin Lee, Vanderbilt University (United States), Yunqiang Chen, Dashan Gao, Shizhong Han, 12 Sigma Technologies (United States), Riqiang Gao, Vanderbilt University (United States), Michael R. Savona, Richard G. Abramson, Vanderbilt University Medical Center (United States), Yuankai Huo, Vanderbilt University (United States), Bennett A. Landman, Vanderbilt University and Vanderbilt University Medical Center (United States)