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Preface

This volume contains the papers selected for and presented at the 15th International Conference on Network and System Security (NSS 2021) held in Tianjin, China, on October 23, 2021.

The mission of NSS is to provide a forum for presenting novel contributions related to all theoretical and practical aspects related to network and system security, such as authentication, access control, availability, integrity, privacy, confidentiality, dependability, and sustainability of computer networks and systems. NSS provides a leading-edge forum to foster interaction between researchers and developers with the network and system security communities, and gives attendees an opportunity to interact with experts in academia, industry, and government.

There were 62 submissions for NSS 2021. Each submission was reviewed by at least 3, and on average 4.2, Program Committee members. The evaluation process was based on significance, novelty, and technical quality of the submissions. After a rigorous review process and thorough discussion of each submission, the Program Committee selected 16 full papers and 8 short papers to be presented during NSS 2021 and published in the LNCS volume 13041 proceedings. The submission and review processes were conducted using the EasyChair system.

The selected papers are devoted to topics such as secure operating system architectures, applications programming and security testing, intrusion and attack detection, cybersecurity intelligence, access control, cryptographic techniques, cryptocurrencies, ransomware, anonymity, trust, and recommendation systems, as well machine learning problems.

In addition to the contributed papers, NSS 2021 included invited keynote talks by Kui Ren and Yingying Chen.

We would like to thank our general chairs Keqiu Li, Elisa Bertino, and Mauro Conti; our publication chair Yu Wang; the local chair Xinyu Tong; our publicity co-chairs Guangquan Xu, Kaitai Liang, and Chunhua Su; our special issues co-chairs Weizhi Meng and Ding Wang; the local organization team; and all the Program Committee members for their support to this conference. Despite the disruptions brought by COVID-19, NSS 2021 was a great success. We owe this success to all our organization committee.

Finally, we also thank Tianjin University for their full support in organizing NSS 2021.

October 2021

Min Yang
Chao Chen
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