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Security and Privacy in Communication Networks

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Preface

We are delighted to introduce the proceedings of the 14th European Alliance for Innovation (EAI) International Conference on Security and Privacy in Communication Networks (SecureComm 2018), held in Singapore, in August 2018. SecureComm seeks high-quality research contributions in the form of well-developed papers. Topics of interest encompass research advances in all areas of secure communications and networking.

The technical program of SecureComm 2018 consisted of 33 full papers and 18 short papers in the main conference sessions. The conference sessions were: Session 1, IoT Security; Session 2, User and Data Privacy; Session 3, Mobile Security I; Session 4, Wireless Security; Session 5, Software Security; Session 6, Cloud Security I; Session 7, Mobile Security II; Session 8, Social Network and Enterprise Security; Session 9, Network Security I; Session 10, Applied Cryptography; Session 11, Network Security II; Session 12, Cloud Security II; and Session 13, Web Security.

Aside from the high-quality technical paper presentations, the technical program also featured two keynote speeches and one technical workshop. The two keynote speeches were given by Prof. Robert Deng from Singapore Management University, Singapore, and Prof. Zhiqiang Lin from Ohio State University, USA. The workshop organized was the 6th International Workshop on Applications and Techniques in Cyber Security (ATCS 2018). The ATCS workshop focused on all aspects of techniques and applications in cybersecurity research. The purpose of ATCS 2018 was to provide a forum for the presentation and discussion of innovative ideas, cutting-edge research results, and novel techniques, methods, and applications on all aspects of cyber security and machine learning.

Coordination with the Steering Committee co-chairs, Imrich Chlamtac and Guofei Gu, was essential for the success of the conference. We sincerely appreciate their constant support and guidance. It was also a great pleasure to work with such an excellent Organizing Committee team for their hard work in organizing and supporting the conference. In particular, we thank the Technical Program Committee, led by our co-chairs, Dr. Raheem Beyah and Dr. Sencun Zhu, who completed the peer-review process of technical papers and compiled a high-quality technical program. We are also grateful to the conference coordinator, Dominika Belisova, for her support and all the authors who submitted their papers to the SecureComm 2018 conference and workshops.

We strongly believe that the SecureComm conference provides a good forum for all researchers, developers, and practitioners to exchange ideas in all areas of secure communications and networking. We also expect that future SecureComm conferences will be successful and stimulating, as indicated by the contributions presented in this volume.

September 2018

Raheem Beyah
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