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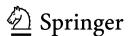
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Sihan Qing · Chris Mitchell Liqun Chen · Dongmei Liu (Eds.)

# Information and Communications Security

19th International Conference, ICICS 2017 Beijing, China, December 6–8, 2017 Proceedings



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## **Preface**

The 19th International Conference on Information and Communications Security (ICICS 2017) was held in Beijing, China, during December 6–8, 2017. The ICICS conference series is an established forum that brings together people from universities, research institutes, industry, and government institutions who work in a range of fields within information and communications security. The ICICS conferences give attendees the opportunity to exchange new ideas and investigate developments in the state of the art. In previous years, ICICS has taken place in Australia (1999), China (2015, 2013, 2011, 2009, 2007, 2005, 2003, 2001 and 1997), Hong Kong (2012, 2014), Singapore (2002, 2016), Spain (2010, 2004), UK (2008), and USA (2006). On each occasion, as on this one, the proceedings have been published in the Springer LNCS series.

In total, 188 manuscripts from 20 countries and districts were submitted to ICICS 2017, among which 43 regular and 14 short papers from 13 countries and districts were accepted. The accepted papers cover a wide range of disciplines within information security and applied cryptography. Each submission to ICICS 2017 was anonymously reviewed by at least three or four reviewers. We are very grateful to the Program Committee, which was composed of 72 members from 19 countries; we would like to thank them, as well as all the external reviewers, for their valuable contributions to the tough and time-consuming reviewing process. We also thank our two keynote speakers: Dr. K. P. Chow from the University of Hong Kong and Prof. Atsuko Miyaji from Osaka University of Japan.

ICICS 2017 was organized and hosted by the Institute of Information Engineering, Chinese Academy of Sciences (CAS), the Institute of Software and Microelectronics, Peking University, and the State Key Laboratory of Information Security of the Institute of Software, Chinese Academy of Sciences (CAS). ICICS 2017 was supported by the National Natural Science Foundation of China under Grant No. 61170282.

We would like to thank the authors who submitted their papers to ICICS 2017, and the attendees from all around the world. Finally, we would also like to thank Organizing Committee Chair Zhen Xu and co-chair Liming Wang for providing logistic support, Chao Zheng for managing the conference website and the EasyChair system, Publicity Chair Qingni Shen for making the wide distribution of the call for papers, and Publication Chair Dongmei Liu for her time and expertise in compiling the proceedings.

December 2017

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