

# Preface

The 12th International Conference on Information Security Practice and Experience (ISPEC 2016) was held in Zhangjiajie, China, during November 16–18, 2016, and was jointly hosted by Central South University, Guangzhou University, and Jishou University.

The ISPEC conference series is an established forum that brings together researchers and practitioners to provide a confluence of new information security technologies, including their applications and their integration with IT systems in various vertical sectors. Previously, ISPEC took place in Singapore (2005), Hangzhou, China (2006), Hong Kong, China (2007), Sydney, Australia (2008), Xi'an, China (2009), Seoul, Korea (2010), Guangzhou, China (2011), Hangzhou, China (2012), Lanzhou, China (2013), Fuzhou, China (2014), and Beijing, China (2015).

This year we received 75 anonymous submissions. All the submissions were reviewed on the basis of their significance, novelty, technical quality, and practical impact. After careful reviews by at least three experts in the relevant areas for each paper, and intensive discussions by the Program Committee (PC) members, 25 papers were selected for presentation at the conference and included in this Springer volume, with an acceptance rate of 33.3 %. The accepted papers cover multiple topics in information security, from technologies to systems and applications. Besides the regular paper presentations, the program of the conference included two interesting and insightful keynotes addressed by Prof. David Basin, ETH Zurich, Switzerland, and Prof. David Naccache, ENS, France. We would like to express our special thanks to these two keynote speakers.

The ISPEC 2016 program also included a workshop, the Huawei IoT Security Forum, which focused on security and privacy challenges in various IoT scenarios, particularly discussing an expected future scenario of trillions of low-end devices being deployed in the next decade. This forum consisted of five invited talks, by the two conference keynote speakers, Prof. Yang Xiang, Deakin University, Australia, Prof. Jin Li, Guangzhou University, China, and by Dr. Tiejian Li and Dr. Guilin Wang, Huawei International, Singapore. We appreciate the excellent contributions from these invited speakers.

ISPEC 2016 was made possible by the joint effort of numerous people and organizations worldwide. There is a long list of people who volunteered their time and energy to put together the conference and who deserve special thanks. First and foremost, we are deeply grateful to all the PC members for their great effort in reading, commenting on, debating, and finally selecting the papers. We also thank all the external reviewers for assisting the PC in their particular areas of expertise.

We would like to emphasize our gratitude to the general chairs, Dr. Feng Bao and Prof. Guojun Wang, for their generous support and leadership that ensured the success of the conference. Thanks also go to the: publicity chairs, Dr. Mamoun Alazab, Dr. Chunhua Su, Dr. William Liu, and Prof. Zhe Tang; publication chair,

Dr. Yongdong Wu; organization chairs, Prof. Fang Qi, Dr. Xiaofei Xing, Prof. Qingping Zhou; registration chair, Ms. Pin Liu; conference secretariat, Ms. Wenxiu Ding; and Webmaster, Mr. Yang Shu.

We sincerely thank the authors of all submitted papers and all the conference attendees. Thanks are also due to the staff at Springer for their help with producing the proceedings and to the developers and maintainers of the EasyChair software, which greatly helped simplify the submission and review process. Last but certainly not least, our thanks go to Huawei for sponsoring the conference.

November 2016

Liqun Chen  
Robert H. Deng

Information Security Practice and Experience

12th International Conference, ISPEC 2016, Zhangjiajie,

China, November 16-18, 2016, Proceedings

Bao, F.; Chen, L.; Deng, R.H.; Wang, G. (Eds.)

2016, XII, 380 p. 82 illus., Softcover

ISBN: 978-3-319-49150-9