

Preface

These proceedings contains 27 papers presented at the INTRUST (International Conference on Trustworthy Systems) 2014 conference, held in Beijing, China, in December 2014. INTRUST 2014 was the sixth international conference on the theory, technologies, and applications of trusted systems. It was devoted to all aspects of trusted computing systems, including trusted modules, platforms, networks, services, and applications, from their fundamental features and functionalities to design principles, architecture, and implementation technologies. The goal of the conference was to bring academic and industrial researchers, designers, and implementers together with end-users of trusted systems, in order to foster the exchange of ideas in this challenging and fruitful area.

INTRUST 2014 built on a series of highly successful international conferences, previously held as INTRUST 2013 (Graz, Austria), INTRUST 2012 (London, UK), INTRUST 2011 (Beijing, China), INTRUST 2010 (Beijing, China), and INTRUST 2009 (Beijing, China). The program of INTRUST 2014 consisted of five keynote speeches from Moti Yung (Columbia University and Google), Sheng Zhong (Nanjing University), Kui Ren (University at Buffalo, the State University of New York), Jinjun Chen (University of Technology, Sydney), and Rui Zhang (Institute of Information Engineering, Chinese Academy of Sciences).

All submissions were blind-reviewed, i.e., the Program Committee members provided reviews on anonymous submissions. Each submission was reviewed by at least two, and on average 3.2, Program Committee members. The individual reviewing phase was followed by in-depth discussions about the papers, which contributed greatly the quality of the final selection. A number of accepted papers were shepherded by some Program Committee members in order to make sure the review comments were addressed properly. We are very grateful to our hard-working and distinguished Program Committee for doing such an excellent job in a timely fashion.

For the proceedings, the papers have been divided into seven main categories, namely, signature and authentication, secure protocols and access control, cloud security, cryptographic aspects, software security, security analysis, and secure communication and privacy.

We would like to thank the conference General Chair Heyan Huang, the conference Honorary Chairs Liquan Chen and Yongfei Han, and the Publicity Chairs Xinyi Huang and Mingzhong Wang, for valuable guidance and assistance and for handling the arrangements in Beijing. We also would like to thank the program committee and the reviewers for their hard work. Thanks are also due to easyChair for providing the submission and review webserver.

On behalf of the conference organization and participants, we would like to express our appreciation to Beijing Institute of Technology, the National Nature Science Foundation of China, and the Technical Committee on Intelligent Information Network

of the Chinese Association for Artificial Intelligence for their generous sponsorship of this event.

We would also like to thank all the authors who submitted their papers to the INTRUST 2014 conference, all external reviewers, and all the attendees of the conference. Authors of accepted papers are thanked again for revising their papers according to the feedback from the conference participants. The revised versions were not checked by the Program Committee, and thus the authors bear full responsibility for their contents. We thank the staff at Springer for their help in producing the proceedings.

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Trusted Systems

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