This volume contains the papers presented at ICCCS 2015: the First International Conference on Cloud Computing and Security held during August 13–15, 2015, in Nanjing, China. The conference was hosted by the College of Computer Science and Technology at the Nanjing University of Aeronautics and Astronautics, who provided the wonderful facilities and material support. We made use of the excellent EasyChair submission and reviewing software.

The aim of this conference is to provide an international forum for the latest results of research, development, and applications in the field of cloud computing and information security. This year we received 158 submissions from eight countries, including the USA, China, Japan, UK, India, Slovenia, Bangladesh, and Vietnam. Each submission was allocated to three Program Committee (PC) members and each paper received on average 2.2 reviews. The committee decided to accept 47 papers.

The program also included four excellent and informative invited talks: “Domain Identity: Tools for Privacy-by-Design in Cloud Systems” by Prof. Miroslaw Kutylowski, Wroclaw University of Technology, Poland; “Cloud Security: Challenges and Practice” by Prof. Hai Jin, Huazhong University of Science and Technology, China; “Cloud-Centric Assured Information Sharing for Secure Social Networking” by Prof. Bhavani Thuraisingham, University of Texas at Dallas, USA; “New Trends of Cloud Computing Security” by Prof. Zhenfu Cao, Shanghai Jiao Tong University, China.

We would like to extend our sincere thanks to all authors who submitted papers to ICCCS 2015, and all PC members. It was a truly great experience to work with such talented and hard-working researchers. We also appreciate the external reviewers for assisting the PC members in their particular areas of expertise. Finally, we would like to thank all attendees for their active participation and the organizing team, who nicely managed this conference. We look forward to seeing you again at next year’s ICCCS.

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