

# Preface

The two-volume set of proceedings (LNCS 10602 and 10603) contains the papers presented at ICCCS 2017: the Third International Conference on Cloud Computing and Security held during June 16–18, 2017, in Nanjing, China. The conference was hosted by the College of Computer and Software at the Nanjing University of Information Science and Technology, 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 more than 391 submissions from 15 countries and regions, including USA, UK, France, Australia, Ireland, South Korea, South Africa, India, Iraq, Kazakhstan, Indonesia, Vietnam, Ghana, China, and Taiwan. Each submission was allocated to three Program Committee (PC) members and each paper received on average three reviews. The committee decided to accept 116 papers, yielding an acceptance rate of 29.7%.

The program also included six distinguished talks. “Green Networking and Computing: New Perspectives and Challenges Within Energy-Oriented Infrastructures and Devices” by Dr. Aniello Castiglione, University of Salerno, Italy; “Content-Based Search over Encrypted Text Data in Cloud” by Dr. Zhangjie Fu, Nanjing University of Information Science and Technology, China; “Error Correcting Codes in Data Hiding and Secret Image Sharing” by Dr. Ching-Nung Yang, National Dong Hwa University, Taiwan; “Cloud-of-Things and Edge Computing: Recent Advances and Future Trends” by Dr. Mohammad Mehedi Hassan, King Saud University (KSU), Kingdom of Saudi Arabia; “SDN-Enabled Cloud Data Center” by Prof. Ren-Hung Hwang, National Chung Cheng University, Taiwan; and “Exploring the Geospatial Data: When Visualization Meets Query Processing” by Dr. Zhifeng Bao, RMIT University, Australia.

We would like to extend our sincere thanks to all authors who submitted papers to ICCCS 2017 and to 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.

June 2017

Xingming Sun  
Han-Chieh Chao  
Xingang You  
Elisa Bertino



Cloud Computing and Security

Third International Conference, ICCCS 2017, Nanjing,  
China, June 16-18, 2017, Revised Selected Papers, Part  
I

Sun, X.; Chao, H.-C.; You, X.; Bertino, E. (Eds.)

2017, XXI, 565 p. 236 illus., Softcover

ISBN: 978-3-319-68504-5