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Guojun Wang · Kim-Kwang Raymond Choo ·
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Ubiquitous Security

First International Conference, UbiSec 2021
Guangzhou, China, December 28–31, 2021
Revised Selected Papers

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Preface

The First International Conference on Ubiquitous Security (UbiSec 2021) was held in Guangzhou, China, between December 28 and 31, 2021, and hosted by Guangzhou University.

UbiSec builds on the success of three conference/symposium/workshop series, namely, the International Conference on Security, Privacy, and Anonymity in Computation, Communication, and Storage (SpaCCS), the International Symposium on UbiSafe Computing (UbiSafe), and the International Workshop on Cyberspace Security (IWCSS); however, it has a specific focus on the security, privacy, and anonymity aspects of cyberspace, the physical world, and social networks (collectively referred to as the metaverse).

UbiSec 2021 received a total of 96 submissions from authors in 17 different countries, and each submission was reviewed by at least three experts with relevant subject matter expertise. Based on the recommendations of the reviewers and subsequent discussions of the Program Committee members, 28 papers were selected for oral presentation at the conference and inclusion in this Springer CCIS volume (i.e., an acceptance rate of 29.2%). In addition to the technical presentations, the program included a number of keynote speeches by world-renowned researchers. On this note, we thank our distinguished keynote speakers, Ravi Sandhu, Vincenzo Piuri, Yang Xiao, My T. Thai, and Wanlei Zhou, for their time and willingness to share their knowledge with the conference attendees.

UbiSec 2021 was only possible because of the support and dedication of a large number of individuals and organizations worldwide. There is a long list of people who volunteered their time and energy to put together the conference and deserve special thanks. First and foremost, we would like to offer our gratitude to the Steering Committee Chairs, Guojun Wang from Guangzhou University, China, and Kim-Kwang Raymond Choo from the University of Texas at San Antonio, USA, for guiding the entire process of the conference. We are also deeply grateful to all the Program Committee members and reviewers for their time and efforts in reading, commenting, debating, and finally selecting the papers.

We would like to offer our gratitude to the General Chairs, Guojun Wang, Kouichi Sakurai, and Ravi Sandhu, for their tremendous support and advice in ensuring the success of the conference. Thanks also go to the Local Organizing Committee Chair, Hanpin Wang; the Publicity Chairs, Carlos Becker Westphall, Wenbin Jiang, Scott Fowler, Yulei Wu, Arcangelo Castiglione, Peter Mueller, and Shuhong Chen; and the Conference Secretariat, Wenyin Yang.

Finally, we thank the authors and all participants for your support and contribution; we hoped you found the conference a stimulating and exciting forum! Hopefully, you also enjoyed the beautiful city of Guangzhou, China!

January 2022

Ryan K. L. Ko
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