
FOREWORD

Special Section on Information and Communication System Security

Information and communication technologies directly support our daily lives. We can browse the web, read an e-mail, buy a nice product from an on-line shop, and even check the status of a refrigerator in our house almost anytime and anywhere. However, we should note that these technologies also support our lives indirectly. New methodologies utilizing and analyzing large amounts of data continuously emerge in many research areas, such as medical science and social science, among others, and such methodologies are going to make our lives more comfortable. Therefore, protecting information and communication systems against attacks and abuses means protecting our peaceful lives.

The Special Section on Information and Communication System Security aims to stimulate and promote studies on information and communication system security, including network security, access control, privacy protection, operating system security, database security, and security evaluations. The Technical Committee on Information and Communication System Security (ICSS) organized the special section editorial committee, which includes Korean and Taiwanese researchers.

With regard to the Call for Papers, we received 42 submissions (35 full papers and 7 letters) from Japan, China, Taiwan, Korea, India, and the USA (based on the affiliation of the first author). After careful reviews, 13 full papers were accepted for publication. We believe that the reviewers' comments will be useful to the authors whose submissions were not selected for this special section.

We also have one invited paper, written by Dr. Heung Youl Youm, on the latest activities on the international standardization of IoT security and privacy. Dr. Youm is one of the leading researchers in the network security area and has contributed to many ITU-T recommendations. We believe that the paper is valuable and useful for understanding the state of the art of IoT security and privacy.

Finally, on behalf of the editorial committee, I would like to express my sincere gratitude to all who submitted their valuable papers. I am also grateful to the reviewers and the editorial committee members, especially Guest Editors Dr. Atsushi Kanai, Dr. Kazuomi Oishi, and Dr. Yoshiaki Shiraishi, for their careful and devoted efforts towards the success of the Special Section and the progress of information and communication system security.

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Yasunori Ishihara, Guest Editor-in-Chief

Yasunori ISHIHARA (*Member*) received the BE, ME, and PhD degrees in information and computer sciences from Osaka University, Japan, in 1990, 1992, and 1995, respectively. In 1994, he joined the faculty of Nara Institute of Science and Technology. In 1999, he joined the faculty of Osaka University, and since 2002, he has been an Associate Professor of Graduate School of Information Science and Technology, Osaka University. His research interests include information security and database theory. He is a member of IEICE, IPSJ, ACM, IEEE, and DBSJ.

