
FOREWORD

Special Section on Information and Communication System Security

The Internet is used as the infrastructure for a number of services, including web browsing, e-mail, online banking, online shopping, social media, and cloud computing; these services are accessed by many people via the Internet. Thus, security in the use of these services is essential. Moreover, cyberattacks are on the rise, and in addition, the techniques used in cyberattacks have been advancing. Therefore, new security technologies are required to mitigate malicious activities.

With this as background, a special section on Information and Communication System Security for *IEICE Transactions on Information and Systems* was conceived. The purpose of this special section is to promote studies on system security including network security, cloud security, access control, content security, privacy protection, operating system security, and security evaluations. The Technical Committee on Information and Communication System Security (ICSS) organized the special section editorial committee, which was joined by Korean and Taiwanese researchers.

We received 39 submissions: 33 full papers and 6 letters from Japan and other Asian countries. After careful review, 10 papers were accepted for publication (nine full papers and one letter). We believe that the reviewers' comments will be useful to those authors whose submissions were not selected for this special section.

We also have one invited paper, providing useful information on physical cybersecurity for Industrial Control Systems (ICS) and the Internet of Things (IoT). We would like to thank the author for reviewing cybersecurity in ICS and explaining future aspects of IoT security for consumers in spite of his busy schedule.

Finally, on behalf of the editorial committee, I would like to express our appreciation to all of the authors for submitting their research work. I would also like to thank the editorial committee members and all the reviewers for their contributions, outstanding comments, and their suggestions during the review process.

Special Section Editorial Committee Members

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Toshihiro Yamauchi (*Member*) received the BE, ME, and PhD degrees in computer science from Kyushu University, Japan, in 1998, 2000, and 2002, respectively. In 2001, he was a research fellow of the Japan Society for the Promotion of Science. In 2002, he became a research associate in the Faculty of Information Science and Electrical Engineering at Kyushu University. He has been serving as an associate professor at the Graduate School of Natural Science and Technology at Okayama University since 2005. His research interests include operating systems and computer security. He is a member of IPSJ, IEICE, ACM, USENIX, and IEEE.

