FOREWORD

Special Section on Information and Communication System Security —Against Cyberattacks—

The Internet was growing dramatically, and it is one of the most important infrastructures. Many people use various services using the Internet such as online banks, shopping, SNS and cloud services, and it brought about changes in their lifestyle. Those services need to ensure security against malicious activities. However, many security incidents are reported. New security technologies and algorithms are required to realize safe services on the Internet.

Based on this background, the special section on information and communication system security of the IEICE (Institute of Electronics, Information and Communication Engineers) Transactions on Information and Systems was planned. This special section aims to promote the studies on system securities including Internet, intrusion detection, digital contents security, privacy protection, secure operating system, and security evaluations. The technical group ICSS organized the special section editorial committee, and Korean and Taiwanese researchers joined the committee.

We received 20 submissions: 1 letter and 19 full papers from Japan and other Asian countries. After careful reviews, 6 papers were accepted as publication (1 letter and 5 full papers). We believe that reviewers' comments would be useful to authors whose submission was not selected in this special section.

We also have 1 invited paper to provide useful information for secure authentication of low cost Radio Frequency Identification (RFID) tag with limited resources. We would like to thank the authors for proposing an RFID authentication scheme in spite of their busy schedule.

Finally, the editorial committee members would like to express appreciation to the authors for their contributions and to the reviewers for the remarkable comments and suggestions. We believe that this special section is valuable and fruitful for readers, and encourages further research activities.

Special Section Editorial Committee Members
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Naoto Sone, Guest Editor-in-Chief

Naoto Sone (*Member*) was born in Japan. He received B.E. and M.E. degrees from Ehime University in 1992 and 1994. He joined Naruto University of Education in 1994, and has been engaged in the research on network security. He is currently working as associate professor at the school of natural and living sciences education (technology and information education) in Naruto University of Education. He is a member of the Institute of Electronics, Information and Communication Engineers of Japan (IEICE) and the Information Processing Society of Japan (IPSJ).