
FOREWORD

Special Section on Information and Communication System Security

The Internet is used widely, and various kinds of new services and applications are developed everywhere. Because the some services enable money transaction and operate important privacy information, security is one of the most important issues to build systems. Although almost services implement security mechanisms to block malicious activities, there are still many security accidents on the Internet. New security technologies and mechanisms are required to realize safe services on the Internet.

Based on this background, a 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 many Korean and Taiwanese researches joined the committee.

We received 27 submissions: 4 letters and 23 papers from Japan and other Asian countries. After careful reviews, 9 papers were accepted for publication (2 letters and 7 full papers). We believe that reviewers' comments would be useful to authors whose submission was not selected in this special section.

We also have 3 invited papers for providing useful information for current hot topics; wireless network security, traceback mechanism for the Internet and secure group communications. We would like to thank the authors to make comprehensive survey in the area within the very tight 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 activates.

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Yutaka Miyake, Guest Editor-in-Chief

Yutaka Miyake (*Senior Member*) was born in Japan. He received B.E. and M.E. degrees from Keio University in 1988 and 1990, and received Ph.D. degree from the University of Electro-Communications in 2009. He joined KDD (now KDDI) in 1990, and has been engaged in the research on high-speed communication protocol and secure communication system. He was a visiting researcher at University of California, Berkeley from 2000 to 2001. He is currently a senior manager of Information Security Laboratory in KDDI R&D Laboratories Inc. He received IPSJ Convention Award in 1995 and the Meritorious Award on Radio of ARIB in 2003. He is a member of the Information Processing Society of Japan (IPSI).

