
FOREWORD

Special Section on Security, Privacy and Anonymity in Computation, Communication and Storage Systems

As applications of computer systems and networks have permeated in every aspect of our daily life, the issues of security, privacy, and anonymity have become increasingly critical. Especially, architectures, algorithms, techniques, and applications for security, privacy and anonymity become the main concern in this field. Specifically, it is necessary to address research challenges on the security algorithms and architectures, privacy-aware policies, regulations and techniques, anonymous computation and communication, encompassing fundamental theoretical approaches, practical experimental projects, and commercial application systems for computation, communication and storage.

We propose this special section in IEICE Transactions on Information and Systems in order to present Security, Privacy and Anonymity of all aspects in computation, communication and storage systems. It is mainly based on three international conferences: (1) SpaCCS 2016 in November 2016 in Zhangjiajie, China; (2) ISPEC 2016 in November 2016 in Zhangjiajie, China; and (3) APSCC 2016 in November 2016 in Zhangjiajie, China. We have also solicited independent submissions by distributing open call for papers for this special section. We received 28 papers including some recommended papers with significant improvements from conferences. Through a rigorous double-blind review process, 13 papers (including 1 invited paper and 2 letters) are selected for publication in this section. We believe that all the papers provide a lot of useful information for readers studying or working in this area. We also believe that this special section will definitely intrigue more research on this promising area in the near future.

The editorial committee would like to thank all the reviewers for their constructive comments, and thank all the authors who submitted their precious research work to this special section.

Editorial Committee for this Special Section

Guest Editor-in-Chief: Guojun Wang (School of Computer Science and Educational Software, Guangzhou University, China)

Guest Editors: Chunhua Su (Division of Computer Science, University of Aizu, Japan), Ruidong Li (Network System Research Institute, NICT, Japan), Masakazu Soshi (Graduate School of Information Sciences, Hiroshima City University, Japan)

Guest Associate Editors: Santoso Bagus (The University of Electro-Communications, Japan), Ping Du (The University of Tokyo, Japan), Shoichi Hirose (Fukui University, Japan), Qun Jin (Waseda University, Japan), Kwangjo Kim (KAIST, Korea), Shigetomo Kimura (Tsukuba University, Japan), Anfeng Liu (Central South University, China), Zhi Liu (Waseda University, Japan), Masahiro Mambo (Kanaza University, Japan), Kazumasa Omote (JAIST, Japan), Akinori Kawachi (Tokushima University, Japan), Yutaka Miyake (KDDI R&D Lab), Toru Nakamura (KDDI R&D Lab, Japan), Yasunori Owada (NICT, Japan), Seong Han Shin (AIST, Japan), Yoshiaki Shiraishi (Kobe University), Tatsuhiko Tsuchiya (Osaka University, Japan), Junbo Wang (University of Aizu, Japan), Lihua Wang (NICT, Japan), Licheng Wang (Beijing University of Posts and Telecommunications, China), Xiaoyan Wang (Ibaraki University, Japan), Hiroshi Yamada (Tokyo University of Agriculture and Technology, Japan), Toshihiro Yamauchi (Okayama University, Japan), Naoto Yanai (Osaka University, Japan), Katsunari Yoshioka (Yokohama National University, Japan), Deze Zeng (China University of Geosciences, China)

Guojun Wang, Guest Editor-in-Chief

Guojun Wang (*Member*) received the BSc degree in Geophysics in 1992, the MSc degree in Computer Science in 1996 and the Ph.D. degree in Computer Science in 2002, all from Central South University, Changsha, China. He is currently the Pearl River Scholarship Distinguished Professor at Guangzhou University, China. He was a Professor at Central South University, China; a visiting scholar at Temple University and Florida Atlantic University, USA; a visiting researcher at the University of Aizu, Japan, and a Research Fellow at Hong Kong Polytechnic University. His research interests include cloud computing, trusted computing, and information security. He is a distinguished member of the CCF, and a member of the IEEE, the ACM and IEICE.

