
FOREWORD

Special Section on the Architectures, Protocols, and Applications for the Future Internet

Our daily life is deeply supported by Internet Technology, massive amount of interactive communications for connecting people, global scale search technology to provide timely and valuable information, and so on. Its scalable characteristic extends the application fields not only to the cyberspace but also to the real world, sensing, analyzing and actuating physical instances. While many researches tackle such emerging applications, remaining issues should be solved to step forward the next stage. This special section aims to share the latest research results of architectures, protocols, and applications for the Future Internet.

In responding to the call for paper of this special section, we have received 14 submissions. Through a rigorous and objective review process performed by our editors and reviewers, three papers have been selected for publication. Topics on throughput and QoS improvement in Wireless LAN, multicast routing in wireless sensor networks based on ICN, and the extension of EPCglobal, an architecture framework related to RFID, for supporting IoT applications are discussed in these papers. We also had an invited paper on the new framework for interactive e-Health applications. We hope this special section will provide useful views of research and development for advanced networking technologies towards the Future Internet.

We would like to express our sincere thanks to all the authors for their valuable contributions, and to the anonymous reviewers for their voluntary work. As the Guest Editor-in-Chief of this special section, I would also like to thank the team of Guest Editors and Guest Associate Editors for their participation and efforts to make this special section successful.

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Toyokazu Akiyama, Guest Editor-in-Chief

Toyokazu Akiyama (*Senior Member*) received his B.E., M.E. and Ph.D. degrees in Information Systems Engineering from Osaka University, Japan in 1997, 1999 and 2003, respectively. Since 2000, he worked as a Research Associate at the Cybermedia Center, Osaka University. Currently, he is an Associate Professor of the Faculty of Computer Science and Engineering, Kyoto Sangyo University. His research interests include distributed systems and internet applications. He has served as an Associate Editor of IEICE Transactions, Guest Associate Editor of Special Sections of IEICE Transactions and IPSJ Journal and TPC member of conferences including COMPSAC, CANDAR, MidCCI, etc.

