
FOREWORD

Special Section of Position Papers Exploring Innovative Intelligence and Technologies in Communications, Part II

Expansion of the field of communications has unlimited boundaries, and research and development (R&D) has been continuously pursued to support this expansion. A lot of new key ideas are emerging and open up novel research areas, which become driving force of further development of communications technologies. Aiming at the world's best performance has been also one of the major driving forces of R&D, and its resulting outputs lead to the stimulation of the R&D itself in turn.

The IEICE Transactions on Communications called for position papers, which exhibit novel ideas and/or significant achievements leading to such innovative technologies, for special sections in the Jan. 2015 issue and in the Mar. 2015 issue, and a considerable number of papers were submitted to the Special Sections, which convinced us the potential demand for the category of position papers. Thus, this special section was planned once again and scheduled to appear in this issue.

For this special section, we received 14 submissions. After very careful review process, we finally accepted two papers. Both papers succeeded in presenting novel ideas and innovative technologies in future communication systems and services. The editorial committee of this special section believes the papers indicate the significant research directions for further development of communication technologies.

I would like to make a special mention of new category POSITION PAPER. The IEICE Transactions on Communications established a new category of POSITION PAPER, and started accepting submissions of POSITION PAPERS in October 1, 2015. I strongly hope the papers including novel ideas and paradigms for further development of communication technologies will appear as POSITION PAPERS in the future issues of IEICE Transactions on Communications.

On behalf of the editorial committee of this special section, I would like to express my sincere appreciation to all the authors and reviewers for their significant contributions. I would also like to give thanks to the editors and the IEICE publishing office for their dedicated work of this special section.

Special Section Editorial Committee Members

Guest Editors:

Takuji Tachibana (Univ. of Fukui), Kazunori Hayashi (Kyoto Univ.)

Guest Associate Editors:

Shingo Ata (Osaka City Univ.), Masaki Bandai (Sophia Univ.), Takeo Fujii (The Univ. of Electro-Communications), Ichiro Ida (Fujitsu Lab.), Takeru Inoue (NTT), Riichi Kudo (NTT DOCOMO), Takahiro Matsuda (Osaka Univ.), Jyunichi Murayama (Tokai Univ.), Katsuhiro Naito (Aichi Institute of Technology), Satoshi Suyama (NTT DOCOMO), Kenta Umabayashi (Tokyo Univ. of Agriculture and Technology), Daisuke Umehara (Kyoto Institute of Technology), Kazuto Yano (ATR)

Shoji Kasahara, Guest Editor-in-Chief

Shoji Kasahara (*Member*) received the B. Eng., M. Eng., and Dr. Eng. degrees from Kyoto University, Kyoto, Japan, in 1989, 1991, and 1996, respectively. Currently, he is a Professor of Graduate School of Information Science, Nara Institute of Science and Technology, Nara, Japan. His research interests include stochastic modeling and analytics of large-scale complex systems based on computer/communication networks.

