FOREWORD

Special Section on Enhancing Information Centric Networking Technologies Towards Real-world Infrastructure

As a future Internet technology, researches on Information Centric Networking (ICN) are being active globally, which uses information or content itself as an identifier of communication instead of IP addresses. Currently most of research and development on ICN are considered as an individual exploratory research, however, it is expected to promote R&D activities to shift toward future real-world ICN infrastructure. In this respect, approaches are required from interdisciplinary research fields including applications and use cases, large scale experiments, deployment, operations, and management. Therefore, a special section was planned to further promote research and development of ICN for future networks.

The Call for Papers attracted 6 submissions in total. After the careful review process the editorial committee had selected 5 papers. Additionally, this special section includes one invited paper which specifically describes a software suite for developing ICN infrastructure and its applications.

As the Guest Editor-in-Chief, I would like to express my sincere appreciation to all authors for their excellent contributions, and to all reviewers and members of the editorial committee for their great efforts to this special section.

Shingo Ata, Guest Editor-in-Chief

Shingo Ata *(Member)* received M.E. and Ph.D. degrees in Informatics and Mathematical Science from Osaka University in 1998 and 2000, respectively. From 2003 to 2006, he was a Lecturer of Graduate School of Engineering at Osaka City University, and was an Associate Professor from 2006 to 2013. Currently he is a Professor of Graduate School of Engineering at Osaka City University. He is also the Director of Center for Information Initiative at Osaka City University since 2015. His research works include networking architecture, design of communication protocols, and performance modeling on communication networks.