
FOREWORD

Special Section on Information and Communication Technologies for Safe and Secure Life

ICT has become indispensable in our society to realize a safe and secure life. Focusing on disasters, the introduction of ICT for disaster information processing has been promoted since the Great Hanshin-Awaji Earthquake in 1995, and the collaboration between human behavior and ICT has been emphasized after the Great East Japan Earthquake in 2011. The Engineering Science Society in IEICE started the current ICTSSL (Information and Communication Technology for Safe and Secure Life) activities in 2016 as a permanent research committee. This special section aims to contribute to the further development of the research field by reviewing the latest trends and research results on ICT technologies and applications that support our safe and secure life.

This special section includes one full paper and one letter paper, which cover topics in traffic monitoring, sensor network, and sound-based security system. These papers were selected from eleven submissions with careful reviews by experts. We have one invited paper for this special issue. The paper titled as “A User Allocation Method for DASH Multi-Servers Considering Coalition Structure Generation in Cooperative Game” is written by Prof. Sumiko Miyata and Prof. Ryoichi Shinkuma, who are promoting the project of information network infrastructure for City as a Service (CaaS). This paper’s research target is live streaming communication protocols, and it will serve as a reference for many researchers and engineers.

I would like to express my sincere appreciation to authors, reviewers, and editorial committee members about their great contribution to this special issue. Among them I would like to express special thanks to Prof. Munenari Inoguchi and Prof. Koichi Shin about their hard secretary works as guest editors.

Special Section Editorial Committee Members

Guest Editor-in-Chief:

Tomotaka Wada (Kansai University)

Guest Editors:

Munenari Inoguchi (University of Toyama), Koichi Shin (Hiroshima City University)

Guest Associate Editors:

Shosuke Sato (Tohoku University), Osamu Mizuno (Kogakuin University), Takahisa Yamauchi (Mitsubishi Electric Corporation), Tatsuya Yamazaki (Niigata University), Tetsuya Manabe (Saitama University), Kazuyuki Miyakita (Niigata University), Kunio Endoh (Synspective), Yasushi Fuwa (Shinshu University), Keisuke Nakano (Niigata University), Akira Ohtsuka (Graduate Institute for Entrepreneurial Studies), Osamu Uchida (Tokai University), Keisuke Utsu (Tokai University), Kenji Ishida (Hiroshima City University), Daisuke Satoh (NTT), Toshiro Nunome (Nagoya Institute of Technology), Noboru Hayasaka (Osaka Electro-Communication University)

Tomotaka Wada, Guest Editors-in-Chief

Tomotaka Wada (*Senior Member*) received the B.E. and M.E. degrees in Electrical and Electronic Engineering from Osaka Prefecture University, Japan, in 1995 and 1997, respectively. He also received the Ph.D. degree in Communications Engineering from Osaka University, Japan, in 1999. Since 1999, he was with the Faculty of Systems Engineering, Wakayama University, as a Research Associate. In 2006, he joined the Faculty of Engineering, Kansai University, where he is currently a Professor. His research interests are in wireless communications, Intelligent Transport Systems (ITS), and Emergency Rescue Evacuation Support System. He was serving as chair of the IEICE Technical Committee on Intelligent Transport Systems Technology (ITS) from 2019 to 2021, and the IEICE Technical Committee on Information and Communication Technologies for Safe and Secure Life (ICTSSL) from 2022 to 2023. He was chair of IEEE Communications Society Kansai Chapter from 2020 to 2022. He is a senior member of IEEE and IEICE, and a member of IPSJ, JSST and JASDIS.

