
FOREWORD

Special Section on Emerging Communication Technologies in Conjunction with Main Topics of ICETC 2021

This special section contains the recent research works based on the papers and the presentations in the 2021 International Conference on Emerging Technologies for Communications (ICETC 2021), which is the second international conference on all the technical fields covered by the IEICE Communications Society. The ICETC 2021 was held as a virtual conference on December 1st–3rd, 2021. The objectives of the conference and this special section were synergistic effects beyond the technical fields, expansion of research areas, and development of young researchers.

For this section, 7 high-quality papers were received, and 4 papers were accepted. This includes two invited papers, discussing the artificial intelligence and machine learning technologies for beyond-5G and 6G mobile communication systems, and the latest progress in the visible-light communications.

The editorial committee members sincerely appreciate all authors and reviewers for their contributions to this special section. We hope that the published studies will promote further achievements.

Special Section Editorial Committee Members:

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Masaharu Takahashi (Chiba University), Guest Editor-in-Chief

Masaharu Takahashi (*Fellow*) received the B.E. degree in electrical engineering in 1989 from Tohoku University, Miyagi, Japan, and the M.E. and D.E. degree in electrical engineering from Tokyo Institute of Technology, Tokyo, Japan, in 1991 and 1994, respectively. He was a Research Associate from 1994 to 1996, an Assistant Professor from 1996 to 2000 at Musashi Institute of Technology, Tokyo, Japan, and an Associate Professor from 2000 to 2004 at Tokyo University of Agriculture & Technology, Tokyo, Japan. He is currently an Associate Professor at Chiba University, Chiba, Japan. He served as Editor-in-Chief of IEICE Transactions on Communication from 2011 to 2013, Vice Chair of Editorial Board, IEICE Communication Society from 2013 to 2014, Editor in chief of Editorial committee of IEICE Communications Society Magazine (Japanese Edition) from 2014 to 2016, Chair of Technical Committee on Wireless Power Transfer, IEICE from 2018 to 2020, Vice President of IEICE-CS Board from 2019 to 2021, and Chair of IEEE Antennas & Propagation Society Tokyo Chapter from 2019 to 2020. He also served as Vice-Chair of 2020 International Symposium on Antennas and Propagation (ISAP 2020), General Co-Chair of 2018 Asian Wireless Power Transfer Workshop (AWPT2018), General Co-Chair of AWPT2019, General Co-Chair of 2020 International Conference on Emerging Technologies for Communications (ICETC 2020), General Co-Chair of ICETC 2021 and General Co-Chair of 2022 IEEE International Workshop on Electromagnetics: Applications and Student Innovation Competition (iWEM 2022).

