
FOREWORD

Special Section on Antenna and Propagation Technologies Contributing to Diversification of Wireless Technologies

The antenna and the propagation technologies are kernels and basic technologies in the wireless systems. These technologies that construct the wireless systems don't stay in a past telecommunication system and the broadcasting system, and be diversified to wireless technologies for new systems such as RFID, ITS, Sensor network, and wireless power transmission in recent years. The demand for the antenna and the propagation technologies also rises along with the diversification of these wireless technologies, and the establishment of the design, the analysis, the evaluation, and the measurement techniques of the antenna and the propagation for new systems becomes important.

The research and development of the antenna and the propagation technologies are also active in Asia. The International Symposium on Antennas and Propagation (ISAP) held in Asia every year is occupying an important position as a place where these latest technologies are discussed. The next ISAP2011 (the 16th ISAP) will be held in Korea this year, and ISAP2012 (the 17th ISAP) will be held in Japan next year after an interval of five years.

The objective of the Special Section on Antenna and Propagation Technologies is to publish valuable papers and to promote future progress in R&D in the areas of antennas and propagation. After the Call-for-Papers for this special section, we have received 44 submissions, including 4 invited papers, 33 regular papers and 7 letters. After careful review, 4 invited papers, 13 regular papers and 3 letters were accepted in this special section. The acceptance ratios of regular papers and letters are 39% and 43%, respectively.

The editorial committee members hope that this special section will encourage researchers and will promote future research activities in relevant fields of study. We are grateful to the IEICE Communication Society for deciding to publish this special section and for their continuous support. Finally, I would like to express my appreciation to all the authors for their valuable contributions, and to the reviewers and the Editorial Committee members for their great effort in completing the review process. I also thank the Japanese Standing Committee of ISAP for their support.

Editorial Committee Members:

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Toshikazu Hori, Guest Editor-in-Chief

Toshikazu Hori (*Fellow*) received his B.E., M.E., and Dr.Eng. degrees from Kanazawa University, Japan, in 1974, 1976, and 1993, respectively. In 1976, he joined the Electrical Communications Laboratories, Nippon Telegraph and Telephone Public Corporation (now, NTT Corp.). In 2001, he moved to the University of Fukui, and is currently a Professor at the Graduate School of Engineering. His current research interests lie in the area of antennas and propagation for wireless broadband systems, especially broadband antennas and adaptive antennas. Dr. Hori served as the Senior Editor of the Transactions of the IEICE on Communications from 2001 to 2003, the Vice-Chair of ISAP2004 Steering Committee, the Chair of ISAP2007 Technical Program Committee, and the Vice-Chair and the Chair of the Technical Committee on Antennas and Propagation (TC-AP) of IEICE from 2005 to 2009. He was also the Vice-Chair and the Chair of the IEEE AP-S Japan Chapter from 1999 to 2000, and the Vice-Chair and the Chair of the IEEE AP-S Nagoya Chapter from 2007 to 2010. He is now the Advisory Member of the TC-AP of IEICE.

