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## FOREWORD

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### Special Section on Recent Trends of Microwave Systems and Their Fundamental Technologies

The CJMW2011 (China-Japan Joint Microwave Conference) has been held in Hangzhou, China, on April 20–22, 2011, and 187 papers, including 5 keynote speeches were presented. The editorial committee planned this special section to introduce the superior presentations in the conference. Many expanded papers have submitted for publication in this special section of IEICE Transactions on Electronics and also some papers about microwave and millimeter wave technologies have been submitted by other authors. As a result, this special section covers recent trends in the field of the microwave systems and their fundamental technologies.

Based on the evaluation reports by the reviewers and discussions by the editorial committee, 11 papers are finally accepted for publication and 3 invited papers have been published in this special section. The topics of these papers include transmitter and receiver chipsets, power amplifiers, active devices, passive components, antennas, and measurement techniques and instruments.

I would like express my sincere gratitude to all authors of the submitted papers for their contribution, and reviewers for their effort in reviewing the papers, and the members of the editorial committee for their services to publish the special section.

#### Special Section Editorial Committee

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**Yoshinori Kogami** (*Member*) was born in Tokyo, Japan, in 1964. He received the B.E., M.E. degrees in electrical engineering, and Ph.D. from Saitama University in 1988, 1990, and 1993, respectively. From 1993, he was a Research Associate in the Department of Electrical and Electronic Engineering, Utsunomiya University, Utsunomiya, Tochigi, Japan. He is now Professor at the same university. His research interests are in dielectric resonators, filters, and measurements of dielectric materials in the microwave and millimeter wave region. He is a member of the Institute of Electrical Engineers of Japan (IEEJ) and the IEEE.

