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## FOREWORD

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### Special Section on Recent Progress in Electromagnetic Theory and Its Application

The purpose of this special section is to present a collection of original papers that give an overview of recent progress of research and development in electromagnetic theory and its applications, including those related to the papers presented at the 2008 Symposium on Electromagnetic Theory, held at Naha, Okinawa, Japan on November 26–28, 2009. Presentations in this symposium were considered to be the important parts of this special section. Presentations in the International Symposia and Meetings such as PIERS 2009-Beijing, PIERS 2009-Moscow, and ISAP 2009 were also considered to be the parts of this special section. We received 12 papers and 6 brief papers, and 7 papers and 4 brief papers were accepted in this special section after careful review.

The accepted papers and brief papers may be categorized into 6 groups which include (1) Radiation and Propagation, (2) Scattering and Diffraction, (3) Numerical Techniques, (4) Random Media and Rough Surfaces, (5) Information Processing and (6) Transients and Time-Domain Techniques. I hope that the readers find this special section useful in the research of the Electromagnetic Theory and its Applications. I would like to express my sincere appreciations to all the authors of contributed papers for their efforts in preparing the manuscripts and to all the reviewers for their adequate judgments and valuable comments.

The guest editor-in-chief is also indebted to the editorial committee members for their dedicated efforts in organizing this special section. Especially, I would like to express my sincere thanks to Professor Mitsuhiro Yokota of University of Miyazaki who played an important role in the publication of the special section.

Editorial Committee of the Special Section on Recent Progress in Electromagnetic Theory and Its Application:

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Akira Komiyama, Guest Editor-in-Chief

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**Akira Komiyama** (*Member*) was born in Shizuoka, Japan, on January 31, 1953. He received the B.E., M.E. and D.E. degrees in Electrical Engineering from Meiji University, Tokyo, Japan, in 1975, 1977 and 1985, respectively. Since 1986, he has been with Osaka Electro-Communication University, Neyagawa, Japan, where he is presently a Professor of the Department of Lightwave Sciences. His current research interests are in the localization and diffusion of light in waveguide systems and optical fibers allowing the direct transmission of optical images. Dr. Komiyama is currently the Chair of the Technical Committee on Electromagnetic Theory in Electronics Society of the Institute of Electronics, Information and Communication Engineers (IEICE) in Japan.

