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## FOREWORD

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### Special Section on 3rd Pan-Pacific EMC Joint Meeting — PPEMC'08 —

Demand for latest information technology equipment is to reduce its size in addition to maintaining the high performance in high speed/high frequency and low voltage/power operation, so high density layout of wiring and parts in printed circuit boards (PCBs) has been required. In such equipment, serious issues on electromagnetic compatibility (EMC) have arisen resultantly. The main problems generate on printed circuit boards and wirings there. PPEMC'08 was held in Musashino, Tokyo, sponsored by IEICE Technical Group on Electromagnetic Compatibility (EMCJ), to discuss the latest studies focused on EMC problems in PCBs.

This special section is for collecting contributions to the IEICE transaction to reflect the up-to-date outcomes covering the area on transmission lines and PCBs. Total 17 papers and 1 letter were submitted. The editorial committee finally selected 9 papers through careful and fair reviews.

The editorial committee members believe that this special section can provide worthwhile insight to readers in the related fields and will accelerate further studies and activities. I, as the guest editor-in-chief, would like to express my sincere appreciation to all of the authors for contributing their research fruits and to all the editorial committee members and reviewers for their diligent works.

#### Special Section Editorial Committee Members

*Guest Editor-in-Chief:* Yoshio Kami (The Univ. of Electro-Commun.)

*Guest Editor:* Osamu Fujiwara (Nagoya Inst. of Tech.)

*Guest Associate Editors:* Naoto Oka (Mitsubishi Electric Co.), Noboru Shibuya (Takushoku Univ.), Osami Wada (Kyoto Univ.), Jianqing Wang (Nagoya Inst. of Tech.), Ryo Yamaguchi (NTT DoCoMo)

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Yoshio Kami, Guest Editor-in-Chief

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**Yoshio Kami** (*Fellow*) received the B.E. degree from the University of Electro-Communications (UEC) in 1966, the M.E. degree from Tokyo Metropolitan University in 1970 and the D.E. degree from Tohoku University in 1988. In 1970, he was with Junior Technical College of Electro-Communications and in 1988 moved UEC. Since 1994 he had been a Professor of UEC, and in 2008 retired. He is currently a Professor Emeritus and a Guest Professor of the Cooperative Research Center of UEC. He was a Chair of EMCJ from 1999 to 2001 and a Chair of IEEE EMC-S Tokyo Chapter from 2001 to 2004 and an Associate Editor of IEEE Transaction on EMC from 1998 to 2006.

