

Guest Editors' Overview

THIS Mini-Special Issue of this TRANSACTIONS comprises selected extended papers that were presented in more reduced forms at the 1999 Brazilian Microwave and Optoelectronics Society (SBMO)/IEEE Microwave Theory and Techniques Society (IEEE MTT-S), IEEE Antennas and Propagation Society (IEEE AP-S), and IEEE Lasers and Electro-Optics Society (IEEE LEOS) International Microwave and Optoelectronics Conference—IMOC'99, Rio de Janeiro, Brazil, 9–12 August 1999, under the “Wireless and Photonics Building the Global Infoways” theme.

The IMOC'99 was organized by the SBMO, co-sponsored by the IEEE MTT-S, and technically co-sponsored by the IEEE IEEE AP-S and IEEE LEOS. This biannual conference provides a major international forum for the exchange of information on research and recent developments in the fields of RF, microwaves, millimetric waves, antennas, radio propagation, optics, and opto-electronics.

The conference Technical Committee preselected 40 out of 150 conference papers. Next, the preselected papers were grouped in three areas: microwaves, opto-electronics, and antennas and propagation, and an associate editor per area was nominated in order to handle the whole reviewing process more effectively. The regular IEEE procedure for reviewing papers was then followed. No less than three qualified referees carefully examined each preselected paper. As a result, 18 papers were selected, covering a wide range of subjects, including microwave circuits and devices, printed antennas, opto-electronic systems and devices, computational wave electromagnetics, wireless communications, and radio propagation.

This Mini-Special Issue was possible due to effort and dedication of the following IEEE and SBMO members: Dr. B. A. Eisenstein, 2000 IEEE President, and R. J. Trew, IEEE MTT-S AdCom Elected Member, both of whom acted as keynote speakers at the conference; R. Sparks, IEEE MTT-S International Liaison; Dr. J. W. Mink and Dr. David B. Rutledge, former and current Editors-in-Chief of this TRANSACTIONS, respectively; and C. Sosnowski, Dr. Rutledge's assistant; all of them were directly or indirectly instrumental in making this Mini-Special Issue a reality. We are most grateful to the SBMO officers for their strong support and for their enthusiastic and efficient work. We would like to express sincere recognition to all of them. Also, we heartily thank the authors of these selected papers for their significant contribution. Finally, we would like to manifest our deep appreciation for the thoughtful work of the following reviewers, whose work was crucial in maintaining the quality of this TRANSACTIONS.

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Dr. Hernández-Figueroa is a founder member of the International Compumag Society and an active member of the Optical Society of America (OSA). He is also the IEEE Microwave Theory and Techniques Society (IEEE MTT-S) Representative for IEEE Region 9, the president of the IEEE MTT-S and Education Society Chapters linked to the IEEE South Brazil Section, and AdCom member of the IEEE Education Society. He founded the International Conference on Engineering and Computer Education (ICECE). He is a member of the Technical Committee of the Integrated Photonics Research Symposium, organized by OSA for 2000–2002. From 1996 to 1998, he was vice-president of the Brazilian Electromagnetics Society (SBMAG), and from 1998 to 2000, he was vice-president of the Brazilian Microwave and Optoelectronics Society (SBMO). He has served as general chairman and organizer of several international conferences. He was the recipient of the IEEE Third Millennium Medal for his outstanding contributions in engineering education.



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