Guest Editors' Overview

THIS Special Issue of the TRANSACTIONS contains expanded versions of a selected number of papers that were presented at the 1995 International Microwave Symposium (IMS) and the Millimeter-Wave Monolithic Circuits Symposium (MMWMCS) held in Orlando, FL. This year out of a record number of expanded IMS submissions totaling 130 papers and 9 MMWMCS papers—40 IMS and 4 MMWMCS papers, respectively, were selected for publication in this Special Symposium Issue. The acceptance rate for the submitted papers was largely dictated by the page allocation set for this issue. It may be of interest to note that the number of papers submitted for the IMS issue has been increasing since 1991 (from 74 in 1991 to 130 in 1995), while the page limitations set for this special issue have not changed during this period.

This Transactions Special Issue covers a broad scope, including filed theory, antennas, nonlinear circuits, superconductivity, and circuits for wireless applications. More than 65% of the papers can be classified as "application papers" from industry and universities. The international makeup of the IMS issue is evident from the fact that 50% of the papers have been contributed from outside the USA.

We want to express our appreciation to the reviewers (listed on the next page) for their efforts. Each of the IMS papers were sent to at least three reviewers. A total of more than 380 IMS reviewers were contacted, and some reviewers were sent more than one paper. Over 85% of those asked, responded with a review in time for use in the editorial process. A total of 25 individuals reviewed MMWMCS papers.

The preparation of this Special Issue required a large amount of timely correspondence with the authors and reviewers. The IMS Guest Editor would like to take this opportunity to thank Lillian Ruiz who assisted him in this correspondence with the authors and reviewers, as well as the University of Central Florida ECE Department Office for their patience and allowing this effort to interrupt their normal office procedures. Finally, the MMWMCS Guest Editors give special thanks to Eloise Terrazas for her help in the review process.

AMIR MORTAZAWI
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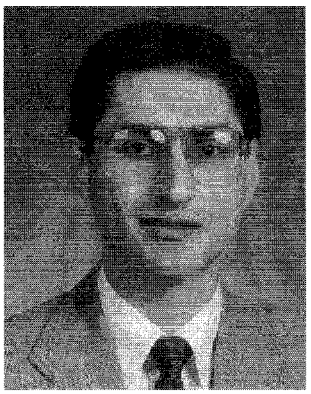
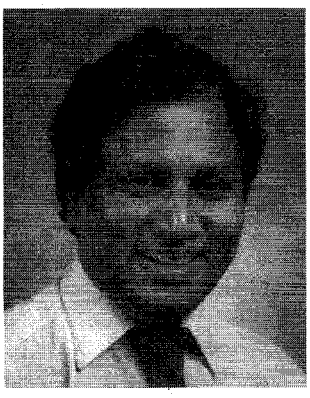
Guest Editors



Amir Mortazawi (S'87–M'90) was born in Iran in 1962. He received the B.S. degree in electrical engineering from the State University of New York at Stony Brook in 1987, and the M.S. and Ph.D. degrees in electrical engineering from the University of Texas at Austin, in 1988 and 1990, respectively.

In 1990, he joined the University of Central Florida, Orlando, FL, where he is currently an Associate Professor of Electrical Engineering. He has published over 40 papers in the area of microwave circuits. His research interests include millimeter-wave power combining oscillators and amplifiers, quasioptical techniques and nonlinear analysis of microwave circuits.

Dr. Mortazawi served as Orlando AP/MTT chapter chairman for 1994 to 1995.



Vijay K. Nair (SM'91) was born on May 7, 1946 in Kerala, India. He received the B.Sc. degree from University of Kerala, India in 1966. He received the M.S. degree in physics and the M.S. degree in electrical engineering from University of Minnesota in 1979 and 1981, respectively.

From 1968 to 1971, he worked as a Research Assistant at Tata Institute of Fundamental Research, Bombay, India. From 1973 to 1975 he was employed as Senior Research Assistant at Indian Scientific Satellite Project of Indian Space Research Organization. In 1975 he joined University of Minnesota as Research Assistant. In 1981, he joined Bendix (now Allied Signal) Aerospace Technology Center to do research work in GaAs and InP devices and circuits. In 1984, he joined Motorola Semiconductor Research and Development Labs. He is now the Manager of RF Technologies, Motorola Phoenix Corporate Research Laboratories. His current responsibilities include development of compound semiconductor devices and circuits for RF and microwave applications. He has published over 30 papers in the area of GaAs devices and MMIC designs. He has four issued patents.

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