

Editorial

MY TERM of office as Editor-in-Chief of the IEEE MICROWAVE AND GUIDED WAVE LETTERS (MGWL) ended on December 31, 1997. The Administrative Committee (Adcom) of the IEEE Microwave Theory and Techniques Society, during its January 1998 meeting, has unanimously selected Prof. Madhu S. Gupta to take over this important responsibility. Prof. Gupta, as can be seen from his biography, is more than qualified for this job. In order to give him the necessary time to prepare for operation, however, my term of office was prolonged until May 1998.

The MGWL originated from an idea of Dr. Martin Schneider, then an AdCom member, but was carried out by Dr. Tatsuo Itoh, who was the founder of MGWL and Editor-in-Chief from January 1991 through December 1994. The motivation for MGWL was to provide a quick means of dissemination for significant new developments of topical interest, written in a concise manner, relevant to microwave, millimeter-wave, and guided wave technologies. In a short time, MGWL has become one of the leading quick-turnaround archival journals. The high-quality, archival nature of MGWL is maintained through a careful and selective review process. Each manuscript is sent to three reviewers chosen from a pool of internationally qualified experts in the specific area of the manuscript. For the sake of quick turnaround, no "revise and resubmit" disposition is used: each manuscript is either accepted or not accepted. As a result of the review process, only about 45% of the manuscripts received are accepted for publication.

A fast review is of basic importance for MGWL, and all efforts have been made to accelerate the process. According to the most recent records, the average processing time from the arrival of the submitted article to the Editor-in-Chief's office until the notification of the disposition is 23 calendar days. Within 30 days, 73% of the manuscripts have been processed, while all manuscripts have been reviewed within 50 days.

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To avoid delays due to conventional mail, e-mail submission was implemented starting with the January 1997 issue. In many cases, this has permitted the Editor-in-Chief to make a manuscript disposition in fewer than ten days after its submission. The geographical distribution of the manuscript submitted testifies to the widespread international character of MGWL. During the last three years, about one-third of the manuscripts came from North America, 42% from Europe, and 21% from Asia.

Such a performance could not be achieved without the joint effort and dedication of many people. By means of this Editorial, I would like to thank everyone who has helped me in carrying out this challenging but most rewarding job. First of all, I am glad to acknowledge the continual support I have received from my predecessor and founder of MGWL, Professor Tatsuo Itoh. His advice has always been indispensable for solving various difficult situations. I would also like to express my gratitude to all the reviewers for their dedicated and invaluable service, which forms the basis for the success of MGWL. I would also like to acknowledge the support of the MTT AdCom and its Publication Committee, the Associate Editors of the Asia-Pacific Abstracts and the Patent Abstracts, and the dedicated staff at the IEEE Transactions/Journals Department. Last but not least, I am profoundly indebted to the dedication of my assistants: Dr. Maria Stovali, who has efficiently handled the processing of papers and related administrative matters during my entire term, along with, first, Dr. Carla Massini and, later, Dr. Paolo Mezzanotte.

From this point on, MGWL will be in the expert hands of Prof. Gupta, to whom I want express my best wishes for an ever more successful and authoritative journal.

ROBERTO SORRENTINO, *Editor-in-Chief*
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Roberto Sorrentino (M'74-SM'84-F'90) received the Doctor degree in Electronic Engineering from the University of Rome "La Sapienza," Rome, Italy, in 1971.

In 1971 he joined the Department of Electronics of the same university, where he became an Assistant Professor of Microwaves in 1974. He was also Professore Incaricato at the University of Catania (1975-1976), at the University of Ancona (1976-1977), and at the University of Rome "La Sapienza" (1977-1982), where he was an Associate Professor from 1982 to 1986. In 1983 and 1986, he was appointed as a Research Fellow at the University of Texas at Austin. From 1986 to 1990 he was a Professor at the University of Rome "Tor Vergata." Since November 1990 he has been a Professor at University of Perugia, Perugia, Italy, where he was the Chairman of the Electronic Institute and Director of the Computing Center, and is presently the Dean of the Faculty of Engineering.

Dr. Sorrentino serves on the Administrative Committee of the IEEE Microwave Theory and Techniques Society. From January 1995 through April 1998, he was the Editor-in-Chief of the IEEE MICROWAVE AND GUIDED WAVE LETTERS. From 1984 through 1987 he was the Chairman of the IEEE Section of Central and South Italy and was the founder of the local MTT/AP Chapter, which he chaired from 1984 to 1987. In 1994 he was the recipient of the MTT-S Meritorious Service Award. From 1993 to 1996 he was Vice Chair of the Commission D (Electronics and Photonics) of the URSI, which he is now chairing for the triennium (1996-1999). Since 1996 he has been the Chairman of the Steering and Management Committees of the European Microwave Conference.



Madhu S. Gupta (S'68–M'72–SM'78–F'89) received the Master's and Ph.D. degrees from The University of Michigan, Ann Arbor, in 1968 and 1972 respectively, where he was a member of the Electron Physics Laboratory.

During 1973–1979, he was first an Assistant Professor and then an Associate Professor of Electrical Engineering at the Massachusetts Institute of Technology, Cambridge, where he was also a member of the MIT Research Laboratory of Electronics. From 1979 to 1987, he was at the University of Illinois, Chicago, where he served as Professor of Electrical Engineering, and during 1980–1983, also as the Director of Graduate Studies. During 1985–1986, he was a Visiting Professor of Electrical and Computer Engineering at University of California, Santa Barbara. From 1987 to 1995, he was a Senior Member of the Technical Staff and a Program Manager at Hughes Aircraft Company, working at Hughes Research Laboratories, Malibu, CA; Microwave Products Division, Torrance, CA; Microelectronic Circuits Division, Torrance, CA; and Radar Systems Group, El Segundo, CA. Since 1995, he has been a Professor of Electrical

Engineering at Florida State University, Tallahassee, where he also serves as the Chairman of the Department of Electrical Engineering. He has worked on the large-signal and noise characteristics of microwave semiconductor devices; the modeling, design, and characterization of GaAs low-noise devices; the development of monolithic microwave integrated circuit (MMIC) technology; and the computer-aided design of MMIC's and other radio frequency (RF) components. He has published over 100 writings, including journal articles, conference and invited papers, patents, book chapters, and reviews. He is the Editor of *Electrical Noise: Fundamentals and Sources* (New York: IEEE Press, 1977), *Teaching Engineering: A Beginner's Guide* (New York: IEEE Press, 1987), and *Noise in Circuits and Systems* (New York: IEEE Press, 1988).

Dr. Gupta is a Fellow of the IEEE, and has been a Lilly Fellow at MIT and a Fellow of the Honors College at University of Illinois. He has served as the Chairman of the Boston and Chicago chapters of the IEEE Microwave Theory and Techniques Society, and of an IEEE Standards Committee. He has also served on the Speakers' Bureau of the IEEE MTT Society, and is the Co-chair of the IEEE MTT Society Technical Committee on Microwave and Millimeter Wave Solid State Devices and of the Technical Program Committee of the 1999 International Microwave Symposium. From 1982 to 1993, he was a member of the Editorial Board of IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES.