

# Editorial

**A**S OF January 1, 1995, I will be retiring as the Editor-in-Chief of the IEEE MICROWAVE AND GUIDED WAVE LETTERS. The responsibility will be turned over to Professor Roberto Sorrentino, who will assume the editorial operation of this increasingly influential archival journal. This decision was approved by the Administrative Committee of the IEEE Microwave Theory and Techniques Society unanimously and with enthusiasm. As you will find from his resume, Professor Sorrentino is highly qualified for this challenging job. In addition, his selection as the new Editor-in-Chief is the manifestation of the MTT Society's determination to become a truly transnational organization.

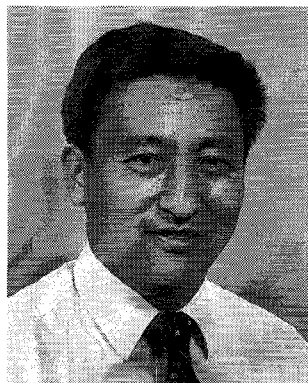
The MGWL was planned in the late 1980's by a proposal originated by Dr. Martin Schneider, then an ADCOM member and later Division IV Director, who encouraged me to get involved in this exciting endeavor. The idea is to provide a forum for fast dissemination of important technical and scientific discoveries and developments for the benefit of the microwave community. The proposal was endorsed by the MTT ADCOM and was approved by the IEEE Publications Board. With a modest start in January 1991, the MGWL has come a long way to be recognized as one of the leading quick-turnaround archival journals. The rate of submission is steadily increasing. At the moment, the acceptance rate is about 50 percent. In response to the microwave community, the journal attracts a high ratio of application-oriented papers. Review process is very strict and fast. Three reviewers for each submitted article are asked to respond within three working days. The average processing time from the arrival of the submitted article to the Editor's office until the notification of disposition to the author is about 25 calendar days. The MGWL is one of the first journals to be published 100 percent electronically at the IEEE.

Usual tenure of the editorship at MTT is three years. However, due to the nature of the start-up, I have stayed as the Editor-in-Chief for an extra year. This four-year period has been the most rewarding experience for me. By means of this editorial, I thank everyone involved for their support. I am indebted to the continual support from the MTT ADCOM and its Publications Committee, the very dedicated reviewers who themselves already have a substantial time commitment to their own work, the enthusiastic authors who made this journal a success by submitting first class articles, and to our associate editors of the Asia-Pacific Abstracts and the Patent Abstracts. I would also like to thank the dedicated staff at the IEEE Transactions/Journals Department and the IEEE Officers. Above all, however, I would most enthusiastically like to acknowledge the dedication of my assistants, first Dorothy Treece and later David Binder, without whose expert handling of all the detailed administrative processing the MGWL could not have operated.

Now, the MGWL is in the hand of Professor Sorrentino, to whom I would like to convey my thanks for accepting this important function and wish him all the best.

**Tatsuo Itoh**

September 28, 1994



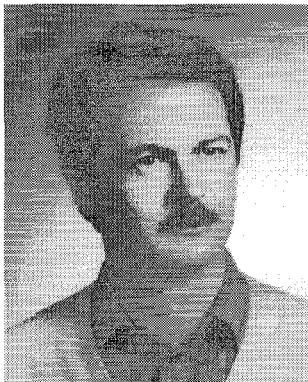
**Tatsuo Itoh** (S'69-M'69-SM'74-F'82) received the Ph.D. Degree in Electrical Engineering from the University of Illinois, Urbana in 1969.

From September 1966 to April 1976, he was with the Electrical Engineering Department, University of Illinois. From April 1976 to August 1977, he was a Senior Research Engineer in the Radio Physics Laboratory, SRI International, Menlo Park, CA. From August 1977 to June 1978, he was an Associate Professor at the University of Kentucky, Lexington. In July 1978, he joined the faculty at the University of Texas at Austin, where he became a Professor of Electrical Engineering in 1981 and Director of the Electrical Engineering Research Laboratory in 1984. During the summer of 1979, he was a guest researcher at AEG-Telefunken, Ulm, West Germany. In September 1983, he was selected to hold the Hayden Head Centennial Professorship of Engineering at The University of Texas. In September 1984, he was appointed Associate Chairman for Research and Planning of the Electrical and Computer Engineering Department at The University of Texas. In January 1991, he joined the University of California, Los Angeles

as Professor of Electrical Engineering and holder of the TRW Endowed Chair in Microwave and Millimeter Wave Electronics. He is also Director of Joint Services Electronics Program at UCLA. He was an Honorary Visiting Professor at Nanjin Institute of Technology, China and at Japan Defense Academy. In April 1994, he was appointed as Adjunct Research Officer for Communications Research Laboratory, Ministry of Post and Telecommunication, Japan.

Dr. Itoh is a Fellow of the IEEE, a member of the Institute of Electronics and Communication Engineers of Japan, Sigma Xi, and Commissions B and D of USNC/URSI. He served as the Editor of the IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES for 1983-1985. He serves on the Administrative Committee of IEEE Microwave Theory and Techniques

Society and Chairman of the Past Presidents Council. He was Vice President of the Microwave Theory and Techniques Society in 1989 and President in 1990. He is the Editor-in-Chief of IEEE MICROWAVE AND GUIDED WAVE LETTERS. He was the Chairman of USNC/URSI Commission D from 1988 to 1990, the Vice Chairman of Commission D of the International URSI for 1991-93 and is currently Chairman of the same commission. He serves on advisory boards of a number of organizations including the NASA Center for Space Terahertz Technology of University of the Michigan and the Institute of Mobile and Satellite Communication, Germany.



**Roberto Sorrentino** (M'74-SM'84-F'90) received the *Laurea* 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, (1975-76), at the University of Ancona (1976-77), 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, Austin, TX, USA. From 1986 to 1990 he was a Professor at the Second University of Rome "Tor Vergata." Since November 1990 he has been a Professor at the University of Perugia, Perugia, Italy, where he is presently the Chairman of the Institute of Electronics and Director of the Computer Center.

His research activities have been concerned with electromagnetic wave propagation in anisotropic media, interaction of electromagnetic fields with biological tissues, and mainly with the analysis and design of microwave and millimeter-wave passive circuits. He has contributed to the planar-circuit approach for the analysis of microstrip circuits and to the development of numerical techniques for the modeling of components in planar and quasi-planar configurations.

Dr. Sorrentino is a Fellow of IEEE. He is a member of the editorial boards the IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, the *International Journal on Numerical Modelling*, and the *International Journal of Microwave and Millimeter-Wave Computer-Aided Engineering*.

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