

## MTT-SOCIETY AWARDS



### 2004 Distinguished Educator Award

#### ROBERTO SORRENTINO

This award was inspired by the untimely death of Prof. F. J. Rosenbaum (1937-1992), an outstanding teacher of microwave science and a dedicated Administrative Committee Member and contributor. The award recognizes a distinguished educator in the field of microwave engineering and science who best exemplifies the special human qualities of Fred Rosenbaum who considered teaching a high calling and demonstrated his dedication to the Society through tireless service. This year's recipient is Roberto Sorrentino, whose citation reads **"For outstanding achievements as an educator, mentor and role model of microwave engineers and engineering students."**

**ROBERTO SORRENTINO** received the Doctor degree in Electronic Engineering from the University of Rome "La Sapienza", Rome, Italy, in 1971, where he became an Assistant Professor of Microwaves in 1974. He was adjunct professor at the University of Catania, at the University of Ancona and at the University of Rome "La Sapienza" (1977-1982), where he then 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, USA. 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 Department, Director of the Computer Center (1990-1995), and Dean of the Faculty of Engineering (1995-2001).

His research activities have been concerned with various technical subjects, such as the electromagnetic wave propagation in anisotropic media, the interaction of electromagnetic fields with biological tissues, but mainly with numerical methods and CAD techniques for passive microwave structures and the analysis and design of microwave and millimeter-wave circuits. He is the author or co-author of more than 100 technical papers in international journals and 200 refereed conference papers. He has edited a book for IEEE Press and co-authored a book on *Advanced Modal Analysis*.

In 1990 he has become a Fellow of the IEEE *"for contribution to the modelling of planar and quasi-planar microwave and millimeter-wave circuits"*. In 1993 he was the recipient of the MTT-S Meritorious Service Award. From January 1995 through April 1998 he was the Editor-in-Chief of the IEEE Microwave and Guided Wave Letters. In 2000 he was one of the recipients of the IEEE Third Millennium Medal.

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 that he chaired from 1984 to 1987. He served on the Administrative Committee of the IEEE Microwave Theory and Techniques Society from 1998 to 2003. He is the Chairman of the Technical Committee MTT-1 on Computer-Aided Design.

Roberto Sorrentino served the International Union of Radio Science (URSI) as Vice Chair (1993-1996) then Chair (1996-1999) of the Commission D (Electronics and Photonics). Since 1996 he has been the Chairman of the Management Committee of the European Microwave Conference. He was one of the founders of the European Microwave Association (EuMA) and has been its President since its constitution in 1998. In 2002 he was among the founders and first President of the Italian Electromagnetic Society (SIEm) that he is still presiding. Since 1998 he has been a member of the High Technical Council of the Italian Ministry of Communications.