

1996 IMS Technical Program

S. Jerry Fiedziuszko, *Fellow, IEEE*, and Derry Hornbuckle, *Member, IEEE*

THE 1996 International Microwave Symposium Technical Program was enormously successful. Records were set in a number of areas, including number of papers, workshops, technical attendees, and workshop attendees. Qualitative feedback was extremely positive as well. Innovations to better serve members included longer technical program hours in order to avoid additional parallel sessions, more Sunday workshops, the first ever ARFTG/IMS joint session, two daytime student-paper competition sessions, and post-workshop sales of extra workshop handouts. Thanks are due to the participants, authors, session chairs, Technical Program Committee, Steering Committee, Local Arrangements Steering Group, and Technical Steering Group for making the technical program such a success.

A record number of papers, 839 in all, were submitted for the Technical program. The acceptance rate of 56% was the lowest since 1991, but still resulted in an all-time high number of IMS papers, 466. The program was organized into 52 sessions, of which eight were special Focused sessions, plus two open forums. Focused sessions included a retrospective on the history of microwaves in the San Francisco Bay Area, and a joint IMS/ARFTG session dedicated in memory of the late Mario Maury.

In addition to regular papers, the program included 26 workshops, the largest number ever, five panels, and an evening rump session. The Microwave and Millimeter-Wave Monolithic Circuits Symposium at the beginning of the week and Automatic RF Techniques Group Conference at the end of the week rounded out the technical offerings for Microwave Week. IMS technical program attendance set a new record, 2299, as did workshop attendance of 2364.

Selection of such a comprehensive program is a major undertaking. More than 200 dedicated volunteers on the Tech-

nical Program Committee reviewed an average of 30 papers each to select the top papers for inclusion in the Symposium. We would like to thank all of them—refer to the listing in the Guest Editor Overview. In addition, special thanks are due to the Steering Committee Technical Group. Paul Khanna headed the Special Sessions Committee, consisting of Edmar Camargo and Chuck Holmes, who handled workshops and panels, along with Alfy Riddle and Cindy Yuen, who managed the open forums. Professors Rick Branner (University of California at Davis) and Bob Owens (University of Santa Clara) organized the Student Paper Competition. Richard Ranson edited the largest Symposium Digest ever. Roger Pollard, with Richard Ranson's help, contributed a major innovation by arranging for publication of the Digest and other MTT material on CD-ROM. Alfy Riddle and Guo-Chun Liang assembled and distributed over 800 engraved plaques, as recognition gifts for technical contributors. ARFTG Liaison/Conference Chairman Ken Wong initiated the joint MTT/ARFTG paper session, and Val Peterson served as MMWMC liaison. The Steering Local Arrangements group did an outstanding job. Our thanks go to George Vendelin, to Dan Swanson for managing the complex Moscone Center logistics, Kumiko Christopher for administration of local services/catering, Scott Wetenkamp for signs, and the rest of the Local Arrangements Steering group. Larry Whicker and LRW Associates handled numerous aspects of the technical paper selection, author communications, and digest printing, while Horizon House provided publicity services, in addition to managing the exhibits. John Barr's masterful management of publicity was essential to the success of the Symposium. Joe Barrera organized the appealing and inspiring Plenary Session. Our special thanks as well to all the other members of the '96 Steering Committee, who worked tirelessly to support bringing you an outstanding technical program, and to Symposium Chairman Jim Crescenzi for his leadership and personal dedication to the success of the 1996 Symposium.

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S. Jerry Fiedziuszko (M'73-SM'83-F'92), for a photograph and biography, see this issue, p. 2308.



Derry Hornbuckle (M'80) received the B.S. degree in engineering from the California Institute of Technology, Pasadena, CA, in 1970 and the M.S. degree in electrical engineering from the University of California, Berkeley, in 1976.

From 1968 to 1973 he was employed by Executone of Southern California, serving as Chief Engineer at the time he left to return to school. At the University of California, Berkeley, he studied fabrication and microwave applications of Josephson junctions. He has been with Hewlett-Packard, Santa Rosa, CA, since 1974 in both instrument and technology development roles. He developed microcircuits for microwave sweepers, network analyzers, and spectrum analyzers. From 1977 to 1983, he designed GaAs IC's for HP instruments. Since 1983, he has managed GaAs IC development, managed division R&D, and is currently Wafer Fab Manager for the HP Microwave Technology Division.

Mr. Hornbuckle served on the MTT-6 Technical Committee on Microwave and Millimeter Wave Integrated Circuits from 1980 to 1996 and chaired the committee from 1986-1988.

He was Finance Chairman, Technical Chairman, and General Chairman of the Microwave and Millimeter-Wave Monolithic Circuits (MMWMC) Symposium in 1986, 1987, and 1988, respectively. He has served on the Technical Committee of either the MMWMC or the MTT International Microwave Symposium (IMS) since 1984. He was a member of the MTT AdCom from 1993 through 1995, chairing the Publications Committee from 1994 through 1995, and serving on several other committees. He was Technical Program Committee Co-Chair for the 1996 MTT-IMS in San Francisco.