

1996 DISTINGUISHED SERVICE AWARD

Dr. Rudolf E. Henning

The Distinguished Service Award is presented to honor an individual who has given outstanding service over a period of years for the benefit and advancement of MTT-S.

This year's honoree is Dr. Rudolf E. Henning who has served our Society for over thirty years. He has served as Chairman of MTT-S AdCom (the title is now President) and as Chairman or Co-Chairman of three National or International Microwave Symposia. He is an IEEE Fellow.

His citation reads: "FOR DISTINGUISHED SERVICE TO THE PROFESSION, THE IEEE, AND THE MICROWAVE THEORY AND TECHNIQUES SOCIETY."

Rudolf E. Henning was born in Hamburg, Germany and received, his B.S.E.E., M.S.E.E., and D. Eng. Sc. degrees in 1943, 1947 and 1954, respectively from Columbia University. In 1944 and 1945 he served in the U.S. Army.

For the last 25 years he has been with the University of South Florida in Tampa, Florida, where he is currently a Distinguished Service Professor. Other positions there included Associate Dean and Department Chairman. In recent years, he concentrated on developing a strong USF microwave/millimeter-wave capability providing R&D support to industry in such areas as experimentally validated computer-aided circuit design and device modeling. The first half of his engineering career was spent in industry with the Sperry Rand Corporation, where he headed the engineering staff of the Sperry Microwave Electronics Company in Clearwater, Florida for 13 years. As its Chief Engineer, he was responsible for applied research, product development and production support operations covering a wide range of microwave system, equipment and component products (e.g. electromagnetic surveillance systems, microwave radiometric systems, radar performance analyzers, active and passive components, both ferrite and semiconductor, microwave integrated circuits).

Throughout his career Dr. Henning has been professionally active. He is a Life Fellow of the IEEE who joined the IRE and the AIEE in the 1940's and MTT-S in 1954. He was a member of MTT-S ADCOM from 1966 to 1971 and its chair in 1968. He was chairman of MTT-S's 1965 National and 1979 International Microwave Symposia and its co-chairman in 1995. On the local level, he chaired the Florida West Chapter of the MTT-S in 1983/84 and 1991/93. Current MTT-S activities include member of its Past President's Council, of its Awards Committee and of Technical Committee #6 on Microwave and Millimeterwave Integrated Circuits.



Other IEEE Activities include chairing the IRE/IEEE's Florida West Coast Section in 1962 and member of its executive committee since 1980, SOUTHEASTCON '87 Technical Program Chairman, '85 Instrumentation and Measurement Technology Conference Associate Chairman, and an officer of several other IEEE conferences. Non-IEEE professional service involvement includes the Florida Engineering Society, where he focuses on education and outreach to pre-college students. His awards include the Citation of Honor by IEEE's United States Activities Board (1992), IEEE's Centennial Medal (1984), MTT-S/ARFTG's Automated Measurements Career Award (1986), in addition to many regional and local recognitions. He represented IEEE as an ABET Program Evaluator and is a member of Tau Beta Pi, and Sigma Xi, the American Society of Engineering Education (ASEE) and a registered Professional Engineer in Florida.