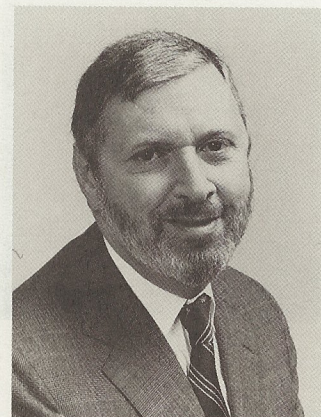


1988

Distinguished Service Award

Fred J. Rosenbaum



“For his outstanding and dedicated service to the Society.”

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 the Microwave Theory and Techniques Society.

Dr. Rosenbaum's long and productive career within MTT-S includes: Administrative Committee Member, 1971–84, Transactions Editor 1971–73, MTT-S Vice President, 1980 and MTT-S President, 1981. His committee service has included Awards, Publications Evaluation, Nominations, Education, Standards Coordination, the President's Advisory Committee and Long Range Planning. He has served on numerous Symposium Technical Committees and the Transactions Editorial Board. He has represented MTT-S with the Journal of Lightwave Technology and helped to formulate the GaAs Integrated Circuits Symposium. He was Steering Committee Chairman of the 1985 International Microwave Symposium held in St. Louis.

Fred J. Rosenbaum (S'57—M'63—SM'70—F'79), Professor of Electrical Engineering at Washington University, St. Louis, was born in Chicago, Ill. on 15 February, 1937. He was educated at the University of Illinois and received the Ph.D degree in 1963. He joined the faculty at Washington University in 1965 after two years as a research scientist at the McDonnell Aircraft Co. Research Laboratory. At the University he established the Microwave Laboratory and through the years has trained many undergraduate and more than 35 MS and DSc. students on microwave topics. He is a consultant to industry and from 1983 to 1985 served as Chief Scientist of Central Microwave Co.

He has worked on ferrite circulators and phase shifters, Gunn effect oscillators and amplifiers, integrated optics, microwave bio-effects, FET devices, circuits, and oscillators. Recent activities have been devoted to the study of nonlinear microwave circuits, scattering from three dimensional discontinuities in transmission lines, and packaging design for microwave components. He and his students have published some 50 papers and has presented a comparable number of talks at professional meetings.

Professor Rosenbaum has been honored with the U. of I. Electro-Physics Laboratory Alumni Award, the U. of I. Electrical Engineering Alumni Association Distinguished Alumnus Award, the University of Queensland D.E. Evans Visiting Fellowship, Washington University School of Engineering Outstanding Professor of the Year award (1978) and the IEEE Centennial Medal. In 1979 he was a member of the IEEE delegation to the USSR Popov Society meeting in Moscow.