

1982 MICROWAVE CAREER AWARD



Akio Matsumoto

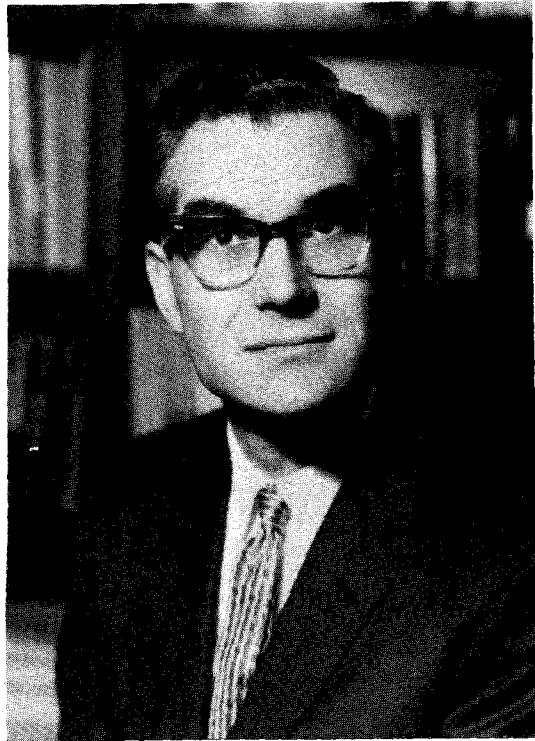
For a career of meritorious achievement and outstanding technical contributions in the field of microwave theory and techniques.

Dr. Akio Matsumoto received the BE degree from Hakkaido University, Japan, in 1931 and the D. Eng from Tohoku University in 1942. From 1931 to 1939 he was an engineer with the Japanese Ministry of Communications and Furukawa Electrical Company. From 1939 to 1947 he was employed by the Kokusai Denki Tsushin Company, as Chief Engineer, and Director of the Research Laboratory. Dr. Matsumoto returned to Hakkaido University in 1947 and served as Professor and Director of the Research Institute of Applied Electricity until 1970 when he became President of the Kitami Institute of Technology, Kitami, Japan. He retired in 1978 and is currently Professor Emeritus and President Emeritus of Kitami Institute of Technology.

Dr. Matsumoto has had a distinguished career in the microwave field for more than 50 years. He has made very outstanding contributions in the field of microwave engineering, especially in microwave networks and filters. He has published more than 30 papers, has 5 patents and has written or edited several books and monographs on these subjects.

Dr. Matsumoto has received many honors including the Paper Prize of the IECE of Japan in 1941, the Culture Prize of the Hokkaido Newspaper Company for contributions to science and technology in 1967, and the Medal of Honor of the IECE of Japan in 1972. He is Fellow of the IEEE.

1982 MICROWAVE CAREER AWARD



Arthur A. Oliner

For a career of meritorious achievements and outstanding technical contribution in the field of microwave theory and techniques.

Dr. Oliner received the BA degree from Brooklyn College in 1941 and the PhD from Cornell University in 1946. He has been associated with the Polytechnic Institute of New York since 1946, serving as Professor and Head of the Department of Electrical Engineering and Electrophysics. He is currently Professor of Electrophysics and has been Director, Microwave Research Institute since 1967. He held visiting professorships at University of Washington, Seattle, Catholic University of Rio de Janeiro, and Tokyo Institute of Technology.

Dr. Oliner has had a distinguished career in the microwave field for more than 30 years. His contributions have resulted in over 100 published papers in the areas of microwave theory and techniques, antennas, electromagnetic waves, microwave acoustics and optics. He is the co-author or editor of three books on antennas and surface acoustic waves.

Professor Oliner has received many honors including the IEEE Institution Premium 1964, Guggenheim Fellowship 1965, IEEE Microwave Prize 1967, MTT-S National Lecturer 1967, Outstanding Educator of America Award 1973, Citation for Distinguished Research, Sigma XI, 1974. He is a Fellow of IEEE and AAAS and was elected an Honorary Life Member of MTT-S.

1982 MICROWAVE APPLICATIONS AWARD



Charles R. Boyd, Jr.

For advancing the state-of-the-art of microwave ferrite devices and the application of these devices to ferrite control elements.

Dr. Charles R. Boyd, Jr. was born Oct. 1932. He received the BSEE degree from Carnegie Institute of Technology in 1953 and the MSEE and PhD degrees from Syracuse University in 1962 and 1964 respectively. He was employed by Westinghouse from 1953 to 1956, General Electric 1956 to 1964, and Rantec from 1965 to 1967. Dr. Boyd was with UCLA from 1967 to 1970 and since 1969 has been the President and Technical Director of Microwave Applications Group.

Dr. Boyd has made many significant device contributions that have led to wide application of microwave ferrite devices in systems.