

# 1993 N. Walter Cox Award

## James E. Degenford



The N. Walter Cox Award has been established in recognition of the qualities of N. Walter Cox and his service to the MTT Society, prior to his untimely death in 1988. It is given aperiodically to a Society Volunteer whose efforts on behalf of MTT-S best exemplify his spirit and dedication.

This year's recipient is Dr. James E. Degenford of Westinghouse Electric Corporation. Jim has served nine years on ADCOM, most of them as our treasurer. In his quiet and efficient way, he did a tremendous amount of work and is best described by one of his colleagues as "one of the finest individuals, I know"!

The citation reads: "FOR EXEMPLARY SERVICE, GIVEN IN A SPIRIT OF SELFLESS DEDICATION AND COOPERATION."

**James E. Degenford** (S'59, M'64, SM'85, F'86) was born in Bloomington, Illinois, on June 11, 1938. He received the B.S., M.S., and Ph.D. degrees in electrical engineering from the University of Illinois, Urbana, in 1960, 1961 and 1964, respectively.

His work as a graduate student and Research Associate at the University of Illinois was in the fields of millimeter and submillimeter wave transmission systems and detection techniques. In 1965, he joined the Westinghouse Electric Corporation, Baltimore, Maryland, where he is currently a Senior Advisory Engineer in the GaAs Technology Laboratory working in the areas of Microwave and Millimeter Wave Monolithic Integrated Circuits. He has over 35 publications and 5 patents in the microwave field.

Jim has been an active member of the Microwave Theory and Techniques Society, serving first as chairman of the Baltimore AP/MTT chapter in 1974. In 1975, he joined the AdCom, of MTT-S as secretary and became an elected member in 1976. He served as Business Editor for the MTT-S transactions from 1976-1979 and Finance Chairman from 1979-1984. In 1986 he served as Finance Chairman of the International Microwave Symposium held in Baltimore and was elected to the grade of IEEE Fellow.

Dr. Degenford is a Registered Professional Engineer in the State of Maryland and is also a member of Tau Beta Pi and Sigma Xi.