2006 N. Walter Cox Award
Timothy T. Lee

The N. Walter Cox Award recognizes an individual who has given exemplary service to the Society in a spirit of selfless dedication and cooperation. The award is given in memory of N. Walter Cox, a longstanding MTT-S volunteer. This year's recipient Timothy T. Lee, whose citation reads *"FOR EXEMPLARY SERVICE, GIVEN IN A SPIRIT OF SELFLESS DEDICATION AND COOPERATION."*

Timothy T. Lee (SM'03) is very active in the IEEE Microwave Theory and Techniques Society where he is serving on the Administrative Committee as chair of the Electronic Information Committee, Society Webmaster and member of the Long Range Planning Committee. He has also served on the Technical Program Committee for the International Microwave Symposium for the last six years. He was Local Arrangement Chair for the IMS 2005 Conference in Long Beach, CA and has served as the Coastal LA Section MTT-17 Chapter Chair during 2002 through 2004. For the last five years, as member of the steering committees, he has pioneered the development of an electronic Program Guides for PDAs and smartphones for the IMS conference. In 2005, he was awarded the Walter Cox Award for service contribution to the MTT-S Society. Currently he is volunteering as Local Arrangement Chair for the 2007 Radio and Wireless Symposium.

Since 2002, he has been Senior Scientist in the RF and Digital Electronics Product Group at Boeing Space & Intelligence Systems in El Segundo, CA, responsible for the insertion of advanced RF microelectronics and photonic devices into communications and sensor applications. He is an internationally recognized technologist in the development of microwave/millimeter-wave GaAs and InP ICs and MMIC-based modules. He has over 26 years of experience and has held technical/managerial positions at Hughes Space and Communications, MA-COM, Microwave Signal, Inc., and COMSAT Laboratories, where he performed MMIC and microwave active module R&D/product development. While at COMSAT, he performed payload hardware verification for INTELSAT VI satellites, performed in-orbit test (IOT) of various INTELSAT V-A spacecrafts and developed P-HEMT MMICs for V-band and W-band applications. At MA-COM, he led the development of MMIC chipsets for the commercial LMDS and millimeter-wave digital radio applications. At Boeing, he formed a fabless MMIC design and test center which successfully developed over 30 space-qualified MMICs for commercial and government satellite payloads. In 2000, Mr. Lee was awarded the Boeing Technical Excellence Award for "MMIC Development Infrastructure." Currently, at Boeing Satellite Development Center, he is investigating the development of advanced mixed-signal ASICs for optical communications and GaN devices for microwave communications. He is serving on the Boeing External Technical Affiliation Committee to foster the Boeing / IEEE relationship for mutual benefit.

Timothy Lee received his SBEE and SMEE degrees in Electrical Engineering in 1981 from the Massachusetts Institute of Technology in Cambridge, MA. He has authored or co-authored over 30 technical journal and conference papers in the fields of microwave active components and sub-systems.