

2007 N. Walter Cox Award

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 Jenshan Lin, whose citation reads "*FOR EXEMPLARY SERVICE, GIVEN IN A SPIRIT OF SELFLESS DEDICATION AND COOPERATION.*"



Jenshan Lin (S'91-M'94-SM'00) received the B.S. degree from National Chiao Tung University, Hsinchu, Taiwan, R. O. C., in 1987, and the M.S. and Ph.D. degrees in Electrical Engineering from the University of California at Los Angeles (UCLA), in 1991 and 1994, respectively.

In 1994, he joined AT&T Bell Labs (later Lucent Bell Labs), Murray Hill, New Jersey, as a Member of Technical Staff, and became the Technical Manager of RF and High Speed Circuit Design Research in 2000, where he was involved with RF integrated circuits using various technologies (GaAs, InP, Silicon Bipolar, CMOS) for wireless communications. He led the Bell Labs Base Station RFIC team to demonstrate the first low-cost high-performance silicon CMOS RFIC solution for wireless base stations, which was press released in ISSCC 2001. In September 2001, he joined Agere Systems, a spin-off from Lucent Technologies, where he was involved with high speed CMOS circuit design for optical and backplane communications. In July 2003, he joined University of Florida as an Associate Professor. He was a Visiting Professor in National Taiwan University in summer 2006. His current research interests include sensors and biomedical applications of microwave and millimeter-wave technologies, wireless energy transmission, RF system-on-chip integration, integrated antennas, and software-configurable radios. Dr. Lin has authored or co-authored over 130 technical publications in refereed journals and conferences proceedings. He holds 6 patents. He has been invited to give seminars/tutorials on the topic of "Wireless Standards, Systems, and RFIC Specifications" in many conferences.

Dr. Lin has been an active volunteer in the IEEE Microwave Theory and Techniques Society (IEEE MTT-S). He is an elected Administrative Committee (AdCom) member serving the term of 2006-2008, and a member of the Wireless Technology Technical Committee (MTT-20). He is an Associate Editor for the *IEEE Transactions on Microwave Theory and Techniques*. He has been serving as a volunteer in several committees in MTT AdCom since 2003, including Electronic Information Committee, Membership Services Committee, Publications Committee, and MTT GOLD Committee. He has been serving on several conference steering committees and technical program committees, including International Microwave Symposium (IMS), Radio Frequency Integrated Circuits Symposium (RFIC), Radio and Wireless Symposium (RWS), Wireless and Microwave Technology Conference (WAMICON), and served on many other conference committees in the past. He is currently the Technical Program Chair of 2007 RFIC Symposium, the Finance Chair of 2007 RWS. He will be the General Chair of 2008 RFIC Symposium. Dr. Lin received 1994 UCLA Outstanding Ph.D. Award and 1997 ETA KAPPA NU Outstanding Young Electrical Engineer Honorable Mention Award. He is co-author/advisor of four best student paper awards in IEEE MTT-S IMS (1997, 2001, and 2003) and RWS (2007). He is the advisor of a MTT-S Undergraduate/Pre-Graduate Scholarship Award (2004).