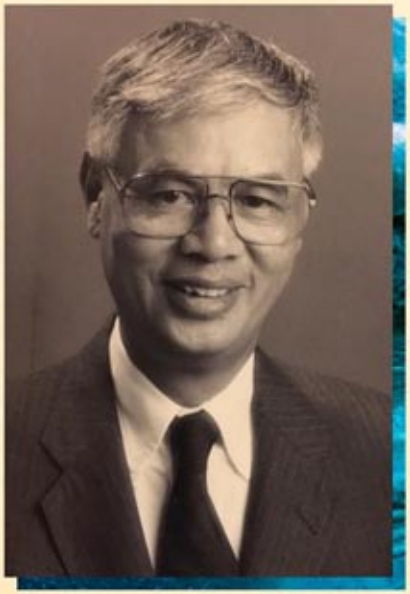
MICROWAVE PIONEER AWARD

Recognizes an individual or team, not exceeding three persons, having made outstanding pioneering technical contributions that advance microwave theory and techniques, which are described in an archival paper published at least 20 years prior to the year of the award.



C. P. Wen received the Ph.D. from the University of Michigan in 1963. He has been a guest professor at Peking University since 2004, developing new techniques to characterize polar semiconductor (GaN) heterojunction device structures. He invented the electronic laser color switch, Coplanar Waveguide (CPW), and demonstrated the first SAW coder/decoder at RCA Laboratories. At Hughes Aircraft, he developed an ultra-high peak power (>25W) W-band Si IMPATT diode oscillator, InSb-based magnetoresistance sensor chip manufacturing technology for automotive applications, and pioneered CPW-based, flip-chip microwave technology. He received the 1995 IEEE MTTS Applications Award, 1997 Hughes Sensors and Electronics System Technical Excellence Award, 1997 Hughes Microelectronic Division Individual Outstanding Achievement Award, and trice RCA Laboratories Outstanding Achievement Award. He is listed in the Microwave Hall of Fame, holds 46 U.S. patents, and is a Life Fellow of IEEE.