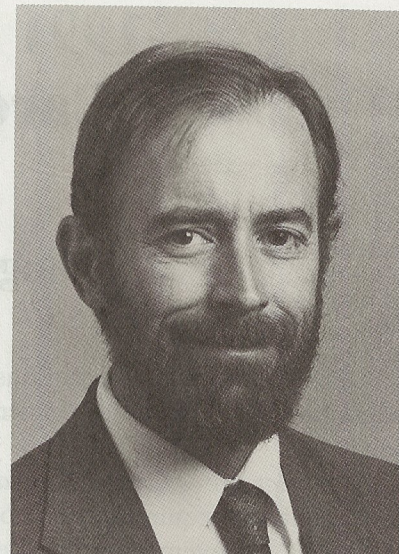


1991 Microwave Application Award

**Eric W. Strid and
K. Reed Gleason**

“For the development of microprobe technology, its application to on-wafer test of microwave semiconductor devices, and for innovative microwave measurement techniques.”



The *Microwave Application Award* is presented periodically for an outstanding application of microwave theory and techniques. The eligibility requirements are the creation of a new device, component or technique, novel use of components, or both. The award consists of a certificate, a cash sum of one thousand dollars, and a feature publication in the *IEEE Transactions of Microwave Techniques*.

Eric W. Strid (S'75, M'76) is the President of Cascade Microtech, Beaverton, OR. He received the BSEE degree from the Massachusetts Institute of Technology (1974) and the MSEE from the University of California at Berkeley (1975). He worked for Page Communications-Alaska on the Alaska Pipeline. From 1976 to 1979 he developed low-noise and high-power solid-state microwave amplifiers at Farinon Electric, San Carlos, CA. In 1979 he joined the Applied Research Group of Tektronix, Inc., Beaverton, OR, where he designed and demonstrated various digital and analog GaAs ICs for instrumentation applications. In 1984 and 1985 he was acting Design Manager at Triquint Semiconductor, Inc in Beaverton, and in 1985 he co-founded Cascade Microtech. Mr. Strid has published more than thirty five technical papers and has authored eight patents. He was honored with the 1987 ARFTG Automated Measurements Award.

K. Reed Gleason (M) is VP of Advanced Development and co-founder of Cascade Microtech. He received the BSEE degree from the California Institute of Technology (1967). He joined the U.S. Naval Research Laboratory, Washington, D.C., where he worked on the development and analysis of GaAs detector and mixer diodes, Si TRAPATT diodes, and GaAs and InP FETs. There he developed a microwave wafer probe for measuring tangential sensitivity of diodes at 3 GHz. In 1978 Mr. Gleason joined Tektronix where he, too, worked on GaAs ICs. He has written over fifteen technical papers and holds more than seven patents.