

## Biography of J. J. Liou

Juin J. Liou received the B.S. (honors), M.S., and Ph.D. degrees in electrical engineering from the University of Florida, Gainesville, in 1982, 1983, and 1987, respectively. In 1987, he joined the Department of Electrical and Computer Engineering at the University of Central Florida, Orlando, Florida where he is now a Professor. His current research interests are Micro/nanoelectronics computer-aided design, RF device modeling and simulation, and semiconductor manufacturing and reliability.

Dr. Liou has filed 3 patents, and has published 6 textbooks (another in progress), more than 190 journal papers (including 13 invited articles), and more than 140 papers (including 49 keynote or invited papers) in international and national conference proceedings. He has been awarded more than \$5.5 million of research grants from federal agencies (i.e., NSF, DARPA, Navy, Air Force, NIST), state government, and industry (i.e., Semiconductor Research Corp., Intel Corp., Intersil Corp., Lucent Technologies, Alcatel Space, Conexant Systems, Texas Instruments, and Lockheed Martin), and has held consulting positions with research laboratories and companies in the United States, Japan, Taiwan, and Singapore. In addition, Dr. Liou serves as a technical reviewer for various journals and publishers, chair or member of the technical program committee for several international conferences, and regional editor (in USA, Canada and South America) for the journal *Microelectronics Reliability*.

Dr. Liou received ten different awards on excellence in teaching and research from the University of Central Florida (UCF) and six different awards from the IEEE Electron Device Society. Among them, he was awarded the UCF Distinguished Researcher Award three times (1992, 1998, 2002) and the IEEE Joseph M. Biedenbach Outstanding Engineering Educator Award in 2004 for his exemplary teaching, research, and international collaboration.

Dr. Liou is an IEEE Electron Device Society (EDS) Distinguished Lecturer, IEEE EDS Treasurer, Chair of IEEE EDS Finance Committee, Vice-Chair of IEEE EDS Regions/Chapters Committee, Member of IEEE EDS Administrative Committee, Member of IEEE EDS Educational Activities Committee, and Senior Member of IEEE. He is a Courtesy Professor of Huazhong University of Science and Technology, Wuhan, China, of Zhejiang University, Hangzhou, China, and of South China University of Technology, Guangzhou, China. Dr. Liou is a Fellow of the IEE and holds the Cao Guang-Biao Endowed Professorship at Zhejiang University, China.