



SECOND INTERNATIONAL NANOTECHNOLOGY CONFERENCE ON COMMUNICATIONS AND COOPERATION

Speaker's Biography

By **Placid M. Ferreira**, UIUC

Dr. Placid M. Ferreira is the Grayce Wicall Gauthier Professor of Mechanical and Industrial Engineering at Illinois. He is also the director of the Center for Chemical-Electrical-Mechanical Manufacturing Systems (Nano-CEMMS), an NSF-sponsored Nanoscale Science and Engineering Center. He graduated with a Ph.D in Industrial Engineering from Purdue University in 1987, M.Tech (Mechanical) from IIT Bombay, 1982 and B.E. (Mechanical) for University of Bombay in 1980. He has been on the mechanical and industrial faculty at Illinois since 1987, serving as the associate head for graduate programs and research from 1999 to 2002.

Professor Ferreira's research and teaching interests are in the area of industrial automation and include computer-controlled machine-tools, nanopositioning and sensing, computational geometry and solid modeling with applications to automated process planning, and the discrete-event control of large-scale flexibly automated systems.

Professor Ferreira received NSF's Presidential Young Investigator Award in 1990, SME's Outstanding Young Investigator Award in 1991 and the University of Illinois' University Scholar Award in 1994. He has served as an associate editor for IIE Transactions on Design and Manufacturing and is currently an editor for IEEE Transactions on Automation Science and Engineering and is on the editorial board for the International Journal of Computer Integrated Manufacturing.