

MengChu Zhou

MengChu Zhou received his B.S. degree from Nanjing University of Science and Technology, Nanjing, China in 1983, M.S. degree from Beijing Institute of Technology, Beijing, China in 1986, and Ph. D. degree in Computer and Systems Engineering from Rensselaer Polytechnic Institute, Troy, NY in 1990. He joined New Jersey Institute of Technology (NJIT), Newark, NJ in 1990, and is currently a Professor of Electrical and Computer Engineering and the Director of Discrete-Event Systems Laboratory. His research interests are in computer-integrated systems, Petri nets, semiconductor manufacturing, multi-lifecycle engineering, and system security. He has over 200 publications including 5 books, over 70 journal papers, and 14 book-chapters. He co-authored with F. DiCesare *Petri Net Synthesis for Discrete Event Control of Manufacturing Systems*, Kluwer Academic, Boston, MA, 1993, edited *Petri Nets in Flexible and Agile Automation*, Kluwer Academic, 1995, co-authored with K. Venkatesh *Modeling, Simulation, and Control of Flexible Manufacturing Systems: A Petri Net Approach*, World Scientific, 1998, and co-edited with M. P. Fanti *Deadlock Resolution in Computer-Integrated Systems*, Marcel Dekker, 2005.

He was invited to lecture in Australia, Canada, China, France, Germany, Hong Kong, Italy, Japan, Korea, Mexico, Taiwan, and US. He served as Associate Editor of *IEEE Transactions on Robotics and Automation* from 1997 to 2000 and currently Associate Editor of *IEEE Transactions on Systems, Man and Cybernetics: Part A and B*, Managing Editor of *IEEE Transactions on Systems, Man and Cybernetics: Part C*, Associate Editor of *IEEE Transactions on Automation Science and Engineering*, and Editor-in-Chief of *International Journal of Intelligent Control and Systems*. He was General Co-Chair of 2003 IEEE International Conference on System, Man and Cybernetics, Washington DC, October 5-8, 2003 and 2004 IEEE International Conference on Networking, Sensors and Control, Taipei, March 21-23, 2004. He was Program Chair of 2005 IEEE International Conference on Networking, Sensors and Control, 1998 IEEE International Conference on System, Man and Cybernetics (SMC), 1997 IEEE International Conference on Emerging Technologies and Factory Automation, and The 9th Int. Conf. on CAD/CAM, Robotics, and Factories of the Future in 1993, and Guest Editors for IEEE Transactions on Industrial Electronics, and IEEE Transactions on Semiconductor Manufacturing. He organized and chaired over 70 technical sessions and served on program committees for many conferences. Dr. Zhou has led or participated in twenty-five research and education projects with total budget over \$10M, funded by National Science Foundation, Department of Defense, Engineering Foundation, New Jersey Science and Technology Commission, and industry.

Dr. Zhou was the recipient of NSF's Research Initiation Award, CIM University-LEAD Award by Society of Manufacturing Engineers, Perlis Research Award by NJIT, Humboldt Research Award for US Senior Scientists, Leadership Award and Academic Achievement Award by Chinese Association for Science and Technology-USA, Asian American Achievement Award by Asian American Heritage Council of New Jersey, and Outstanding Contribution Award by IEEE SMC Society. He was founding chair of Discrete Event Systems Technical Committee of IEEE SMC Society, and Co-Chair (founding) of Semiconductor Factory Automation Technical Committee of IEEE Robotics and Automation Society. He is a life member of Chinese Association for Science and Technology-USA and served as its President in 1999. He is a founding Director of Board of WOCC (Wireless and Optical Communication Conference) Inc. He is Fellow of IEEE.