

微機電系統技術於臨床醫學之應用

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PM 1:30-3:30 中央大學工程五館C棟一樓會議室

J.-C. Chiou received MS and Ph.D. degrees in aerospace engineering science from the University of Colorado at Boulder in 1986 and 1990, respectively. Before joining the Department of Electrical and Control Engineering, National Chiao Tung University, Taiwan, in 1992, he worked at the Center for Space Structure and Control, University of Colorado, Boulder, as a research associate. His research interests include microelectromechanical systems (MEMS), biosensors, bio-medical devices, and modeling and control of multibody dynamic systems (MBDs). Currently, Dr. Chiou is a professor in the Department of Electrical Engineering, National Chiao Tung University, director of the Biomedical Engineering Research and Development Center of China Medical University Hospital, and task force leader of the National Science and Technology Program for SOC. He is the coauthor of advanced reference books on CD-ROM system technology and the mechanics and control of large flexible structures. Dr. Chiou also holds 10 U.S. patents (7 pending), and 8 Taiwan patents (4 pending). He has received awards from the Acer Foundation, Y. Z. Hsu Foundation, Taiwan Information Storage Association (TISA), NCTU, National Science Council, Taiwan, and Chinese Institute of Engineers (**Distinguished Engineering Professor Award**) for his outstanding MEMS and biotechnology research.