



Yaobin Chen

Yaobin Chen (Student Member 1985, Member 1988) is Professor and Chair of electrical and computer engineering at Purdue School of Engineering and Technology, IUPUI. He is also the director of Transportation Active Safety Institute, a university-wide multidisciplinary research center. He received his BS degree from Nanjing Institute of Technology, Nanjing, China in 1982, MS and Ph.D. degrees from Rensselaer Polytechnic Institute, Troy, New York, in 1986 and 1988 respectively, all in electrical engineering. From 1988 to 1990,

Dr. Chen was with the faculty of electrical engineering and computer science at the George Washington University, Washington, DC. Since 1990, Dr. Chen has been with Purdue School of Engineering and Technology, IUPUI, where he also served as Associate Dean for Research from 2003 to 2005.

Dr. Chen's areas of research interest include modeling, control, and optimization of advanced transportation and vehicle systems, intelligent systems and applications. His current research focuses on HMI and driver-automation interaction for active safety control systems, intelligent energy management and vehicle system controller design for hybrid vehicles. He has published more than 90 technical papers in refereed journals and conference proceedings. For the last 18 years he has been awarded a total of \$7.0M in grants and contracts by federal and state agencies as well as private companies. He was a recipient of the National Science Foundation Research Initiation Award in 1991. He is a co-inventor of three U.S. patents.

Dr. Chen has been actively involved in professional service. He has served as a frequent reviewer for many international conferences and journals including several IEEE Transactions. He has served as a member of international program committee and session co-chair for many international conferences. He has served as an associate editor for Intelligent Automation and Soft Computing- An International Journal (since 1995), International Journal of Intelligent Systems and Control (since 1996), and International Journal of Alternate Propulsion Systems (since 2004). Dr. Chen is also a member of SAE and ASEE. He currently serves in the IEEE ITSS Board of Governors until 2011. He also serves as a faculty advisor to the IEEE Student Chapter.