SHUQING ZENG

Asian American Engineer of the Year

PROFILE

Staff Researcher
General Motors

CITATION

Pioneering contributions in development of automotive active safety and autonomous vehicle sensor fusion and perception systems

Dr. Shuqing Zeng is a Chinese American scholar and engineer. He received his first college degree in Electrical Engineering from Zhejiang University, Hangzhou, China in 1991. He received the Master of Science degree in Computer Science from Fudan University, Shanghai, China in 1994. Afterwards he became a lecturer in Department of Computer Science Department, Fudan University, Shanghai, China from 1994 to 1999. He came to USA as a graduate student in 1999. He received the Ph.D. degree in computer science from Michigan State University, East Lansing, MI, USA, in 2004.

Since 2004, Dr. Zeng has been with the Research and Development Center, General Motors Company, Warren, MI, USA, where he is currently a Staff Researcher and thrust area lead in areas of automotive sensor fusion and perception systems. His research interests include computer vision, sensor fusion, autonomous driving, and vehicle active safety applications. Dr. Zeng currently is the chair of The Ad-Hoc Committee on Autonomous Vehicles in The IEEE Vehicular Technology Society (VTS). He was the Editor of the IEEE Computational Intelligence Society Autonomous Mental Development Technical Committee Newsletter from 2005 to 2007. He was an Associate Editor of the International Journal of Humanoid Robotics (2007-2012). He served as a session chair for IEEE American Control Conference (2010). Dr. Zeng was a Member of the Tartan Racing team that won first place at the Defense Advanced Research Projects Agency (DARPA) Urban Challenge on November 3, 2007.