

## **Dr. Yuping He's Biography**

Yuping He received his Ph.D. in mechanical engineering from the University of Waterloo in 2002. He worked in the automotive industry for three and a half years as a vehicle design engineer. In 2006 he joined the University of Ontario Institute of Technology (UOIT), where he is now a professor in automotive engineering. In his academic career at UOIT since 2006, he has been working on a variety of research projects supported by Natural Science and Engineering Research Council of Canada, Canada Foundation for Innovation, Ontario Centres of Excellence, and a number of companies, including General Motors of Canada Ltd. Dr. He's areas of research are vehicle dynamics, active safety systems, active trailer steering, and driver-hardware/software-in-the-loop real-time simulation. At UOIT, he won the research excellence award of the Faculty of Engineering and Applied Science in 2010, and was nominated for the UOIT research excellence award in 2012. In the past 6 years, 121 highly qualified personnel, including 7 PhD and 29 Master's students, 2 postdoctoral fellows, 4 research engineers, 6 research associates, 1 visiting PhD student, and 72 undergraduate students, have been involved and trained through Dr. He's different research programs. Dr. He has published over 150 papers in refereed journals and conferences. He is the chair of Transportation Systems Technical Committee, Canadian Society for Mechanical Engineering. He serves as an associate editor for the Transactions of the Canadian Society for Mechanical Engineering and the International Journal of Vehicle Performance, and an editorial board member for other four international journals. Dr. He is a member of SAE, ASME and CSME.