



Dr. Dan Zhang is a Chair Professor of Intelligent Robotics and Automation at the Hong Kong Polytechnic University. He received his PhD in Mechanical Engineering from Laval University, Canada in 2000. He joined Ontario Tech University (OTU), Canada, as Assistant Professor in 2004 and was promoted to Associate Professor and Professor in 2006 and 2011 respectively. During the appointment period in OTU, he also served as Founding Chair in the Department of Automotive, Mechanical and Manufacturing Engineering (2012 – 2014) and was awarded the Canada Research Chair in Advanced Robotics and Automation (2009 – 2015). Since 2016, he transferred to York University, Canada as a Kaneff Professor and also took up the role of Department Chair in the Department of Mechanical Engineering from 2016 to 2018. Thereafter, he was awarded the Tier 1 York Research

Chair in Advanced Robotics and Mechatronics in 2017.

Professor Zhang is a well-accomplished educator and an internationally renowned expert in the areas of parallel robotic machines and their applications in manufacturing systems. His influential scientific contributions have led to novel robotic system designs and development of new comprehensive models for better understanding of globe stiffness and robotic calibrations. His research applications have tackled some of the world's most challenging problems in high dynamic performance manufacturing robotic systems. His leadership has resulted in significant contributions to the areas of robotics, mechatronics, reconfigurable/sustainable manufacturing systems and MEMS devices. His accomplishments have been recognized by many honors and awards including Canada Research Chair, Research Excellence Awards, Tier 1 York Research Chair, Lassonde Innovation Awards --- Established Researcher, Early Researcher Award by Ministry of Research and Innovation, Fellow of the Canadian Academy of Engineering (CAE), Fellow of the Engineering Institute of Canada (EIC), Fellow of the American Society of Mechanical Engineers (ASME) and Fellow of the Canadian Society for Mechanical Engineering (CSME).