



HONG ZHANG, Canada

Hong Zhang (M'88-SM'11) received his B. Sc. degree from Northeastern University, USA, in 1982 and his Ph. D. from Purdue University, USA, in 1986, both in Electrical and Computer Engineering. He subsequently spent two years in the GRASP lab at the University of Pennsylvania as a post-doctoral fellow before moving to Canada to take up an academic position at the University of Alberta where he is currently a Professor in the Department of Computing Science. His current research interests include robotics, computer vision, and image processing.

Dr. Zhang has been recognized for his research excellence through many awards. He is a winner of the IEEE Millennium Medal, the 2006 Canadian Image Processing and Pattern Recognition Society (CIPPRS) Award, and a 2008 ASTech Award in recognition of his contributions to industrial research. He has been the holder of an NSERC Industrial Research Chair since 2004.

IEEE Activities:

SOCIETY: Associate Editor, IEEE Transactions on Systems, Man and Cybernetics (Part B); Chair of Technical Committee on Robotics and Intelligent Sensing of SMC Society

CONFERENCES: Executive Program Committee, IEEE/RSJ IROS 2013; Award Committee Co-Chair, IEEE ICRA 2014

Qualifications: Over the past 15 years, I have been active in both IEEE RAS and SMC. I have served as chair of a technical committee, and played major roles in organizing major RAS-sponsored conferences, including program chairs and general chairs. These experiences and the extensive network I have established with my colleagues in RAS allow me to serve them well in the continued healthy growth of our society.

Major Accomplishments: Program Chair, IEEE/RSJ IROS 2005; Videos Chair, IEEE ICRA 2011; General Chair, IEEE ROBIO 2006/12; General Chair, IEEE ICMA 2010; Chair, Technical Committee on Intelligent Sensing, IEEE SMC Society

Position Statement: If elected to the position, I will do my utmost to contribute to the healthy and smooth operation of our vibrant society by interacting with the membership and assisting RAS President and Vice Presidents in achieving their mandate in the three-year term. In addition, I will promote RAS activities, expand RAS influences in countries that have witnessed explosive growth of RAS membership in recent years, and address their needs at the same time. As well, I will work closely with other members of the AdCom and the RAS community on the continued improvement of quality of RAS flagship and RAS-sponsored conferences. Finally, I plan to devote time to the development of strategies that strengthen the relevance of robotics research to the society.