Biography Sketch---Peng Shi

Gender: Male
Citizenship: Australian
Marital status: Married with two children

Education Background
BSc in Applied Mathematics, Harbin Institute of Technology, China, 1982.
MPhil in Systems Engineering, Harbin Engineering University, China, 1985.
PhD in Electrical Engineering, University of Newcastle, Australia, 1994.
Doctor of Science degree, University of South Wales, UK, 2006.
Doctor of Engineering degree, University of Adelaide, Australia, 2015.

Professional Experience
Professor, Chair in Systems and Control, University of Adelaide, Australia, 2012—present
Professor, Electrical Engineering, Victoria University, Australia, 2008-2012
Professor, Chair in Applied Mathematics, University of Glamorgan, UK, 2004-2008
Senior Scientist, Defence Science and Technology Organisation, Australia, 1999-2004
Lecturer, School of Mathematics, University of South Australia, 1997-1999
Research Fellow: Centre of Industrial and Applied Mathematics, University of South Australia, 1995-1997.

Professional Society Membership and Services
Fellow of the Institute of Electrical and Electronic Engineers (USA, 2015)
Fellow of the Institution of Engineering and Technology (UK, 2011)
Fellow of the Institution of Engineers Australia (2018)
Fellow of the Institute of Mathematics and its Applications (UK, 2006)
Member-at-Large, Board of Governors, IEEE Systems, Man and Cybernetics Society (2018-2020)
Distinguished Lecturer. IEEE SMC Society, (2016-2018)
Chair of Control Aerospace and Electronic Systems Chapter, IEEE South Australia Section (2014-2015)
Member of College of Expert, Australian Research Council (2014-2017)

Research Interests, Publications and Citations
Artificial intelligence, automation and robotics, system and control theory, and operational research
Publications: **800+** journal articles and **200+** conference articles
Citations: **55000+** (Google Scholar); **48000+** (Scopus); **41000+** (Web of Science)
Highly Cited Papers: **124**; Hot Papers: **17** (Web of Science)
H-index: **128** (Google Scholar); **117** (Scopus); **108** (Web of Science)

Awards and Honours
- Highly Cited Researcher in Engineering and Computer Science, 2014-2019, Thomson Reuters/*Clarivate Analytics*
- Recognised as 1st in Cybernetics, Computer Science and Automation and Control Systems, (based on publication and citations 2014-2019, Web of Science)

- Recognised as the Most Cited Researcher in Electrical and Electronic Engineering, 2018, *Times Higher Education*
- Top-10 World Hottest Researcher, 2017, C*larivate Analytics*
- Runner-up, Scopus Researcher of the Year 2017 (Australia and New Zealand), *Elsevier*
- Andrew Sage Best Transactions Paper Award, 2016, *IEEE Systems, Man and Cybernetics Society*
- Lotfi Zaden Best Paper Award, 2019, *16th International Conference on Machine Learning and Cybernetics*
- Best Paper Award, 2018, *International Conference on Innovative Computing Information and Control*
- Most Cited Paper Award, 2008, *Signal Processing*
- Most Cited/Popular Paper Recognition from Automatica; IEEE-TAC, IET-CTA, etc.

International Journal Editorial Services
Editor-in-Chief, *Int Journal on Innovative Computing Information and Control* (2006-2012)
Subject Editor, *Journal of the Franklin Institute* (2017---)
Subject Editor, *IET Electronic Letters* (2018--)
Special Issue Editor, *Signal Processing* (2015--)
Associate Editor:
Automatica (2015--)
IEEE Transactions on Automatic Control (2008-2014)
IEEE Transactions on Fuzzy Systems (2005-2015)
IEEE Transactions on Cybernetics (2014--)
IEEE Transactions on Circuits and Systems-I (2012-2013, 2019--)
IEEE Access (2014-2016)
IEEE Control Systems Letters (2017-2019)
Information Sciences (2009--)
Signal Processing (2010--)
International Journal of Systems Science (2005--)

International Conferences Services and Activities
General Chair:
International Conference on Machine Learning and Cybernetics, 2016-2020
International Conference on Wavelet Analysis and Pattern Recognition, 2016-2020
International Conference of Innovative Computing Information and Control, 2006-2019
Intelligent Technologies for Advancing and Safeguarding Australia, 2017
Plenary/Keynote Speaker:
Int Symposium on Intelligent Technologies for Advancing and Safeguarding Australia, Sep 2017
IEEE SMC Society Celebrity Lecture Series, Shenzhen, China, Jul 2017
IEEE SMC Society Celebrity Lecture Series, Chengdu, China, Jul 2016
Chinese Conference on Decision and Control, Yinchuan, China, May 2016
International Workshop on Guidance, Navigation and Control, Nanjing China, Dec 2015
International Conference on Control, Automation, and Systems, Busan, Korea, Oct 2015
International Workshop on Fuzzy Theory and Applications, Taiwan, Nov-Dec 2015
International Conference on Machine Learning and Cybernetics, Lanzhou, China, Jul 2014
Int Symp on Technology Management & Emerging Technology, Bandung, Indonesia, May 2014

International Conference on Complexity Science Management & Intelligent Information System, Beijing, Oct 2011
International Conference on Academic Collaborations, Monterrey, Mexico, Feb 2011
International Workshop on Optimization and Applications, Ballarat, Australia, 2010
International Conference on Hybrid Intelligent Systems, Shenyang, China, Aug 2009
Chinese Youth Automatic Control Conference, Beijing, Aug 2005