

Brief CV of the nominee

**Qinglai Wei**, PhD, Professor, Associate Director, INNS member ID 60781

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### **Areas of research**

Adaptive dynamic programming, neuro-computing, computational intelligence, neural-network-based control, optimal control, reinforcement learning, intelligent control, smart grid.

### **Summary of credentials**

- (1) Technological Invention Award (First Class), China Invention Association, 2021
- (2) Vice Chair, IEEE Computational Intelligence Society (CIS) Beijing Chapter, 2021-now
- (3) Zadeh Best Paper Award, 2020 International Conference on Information, Cybernetics, and Computational Social Systems (ICCSS 2020), 2020
- (4) Best Paper Award, IEEE/CAA Journal of Automatica Sinica, 2019.
- (5) Outstanding Paper Award, IEEE Transactions on Neural Network and Learning Systems, 2018
- (6) Andrew P. Sage Best Transactions Paper Award, IEEE System, Man, and Cybernetics Society, 2018
- (7) Clarivate Analytic Global Highly Cited Scholar, 2018-2021
- (8) Acta Automatica Sinica Outstanding Associate Editor Award, 2018
- (9) IEEE/CAA Journal of Automatica Sinica Outstanding Associate Editor Award, 2018
- (10) Outstanding Youth Foundation, National Natural Science Foundation of China, 2017
- (11) Young Scientist Award, Chinese Association of Automation (CAA), 2017
- (12) Yang Jiachi Science and Technology Awards, Chinese Association of Automation (CAA), 2017
- (13) Natural Science Award (First Prize), Chinese Association of Automation (CAA), Ranking 2/3, 2017
- (14) Best Paper Award, 2017 IEEE 6th Data Driven Control and Learning Systems Conference (DDCLS), 2017
- (15) Young Researcher Award, Asia Pacific Neural Network Society (APNNS), 2016
- (16) Best Paper Award, The 27th Chinese Control and Decision, Conference (CCDC), 2015
- (17) Beijing Science and Technology Award (Third Prize), Ranking 2/5, 2015
- (18) Jiangsu Shuang-Chuang Talents, Jiangsu Province, China, 2014
- (19) Huai-Shang Outstanding Scholar of Huai'an, Jiangsu Province, China, 2013
- (20) Best Paper Award, Acta Automatica Sinica, 2011
- (21) Program Chair and Co-Chair of several major international conferences
- (22) Published 85 journal papers and 50 conference papers. Published 6 books

### **Education**

Ph.D., Control Theory and Control Engineering, 2009, Northeastern University, Shenyang,

Liaoning, China  
M.S., Control Theory and Control Engineering, 2005, Northeastern University, Shenyang,  
Liaoning, China  
B.S., Automation, 2002, Northeastern University, Shenyang, Liaoning, China

### **Professional experience**

2018/3–present: Associate Director, The State Key Laboratory of Management and Control for  
Complex Systems, Institute of Automation, Chinese Academy of Sciences  
2018/1–2018/2: Visiting Scholar, University of Rhode Island, USA. Director: Prof. Haibo He  
2016/10–present: Professor, Institute of Automation, Chinese Academy of Sciences  
2015/1–present: Professor, University of Chinese Academy of Sciences  
2014/1–2014/2: Visiting Scholar, University of Texas at Arlington, USA. Director: Prof. Frank  
L. Lewis  
2012/10–2016/9: Associate Professor, Institute of Automation, Chinese Academy of Sciences  
2011/7–2012/9: Assistant Professor, Institute of Automation, Chinese Academy of Sciences  
2009/2–2011/6: Postdoctoral Fellow, Institute of Automation, Chinese Academy of Sciences

### **Professional activities**

International Neural Network Society (INNS), Member ID 60781  
Institute of Electrical and Electronics Engineers (IEEE), Member  
Asia Pacific Neural Network Society (APNNS), Member  
Chinese Association of Automation (CAA), Board of Governor

### **Editorial boards**

Associate Editor-in-Chief, *Neurocomputing*, 2021 – present  
Deputy Editor-in-Chief, *IEEE/CAA Journal of Automatica Sinica*, 2020 – present  
Deputy Editor-in-Chief, *Acta Automatica Sinica*, 2020 – present  
Associate Editor, *IEEE Transactions on Intelligent Transportation Systems*, 2021 – present  
Associate Editor, *IEEE Transactions on Automation Science and Engineering*, 2017 – present  
Associate Editor, *IEEE Transaction on Consumer Electronics*, 2017 – present  
Associate Editor, *IEEE Transactions on Cognitive and Developmental Systems*, 2017 – present  
Associate Editor, *IEEE Transaction on Systems Man, and Cybernetics: Systems*, 2016 – present  
Associate Editor, *IEEE Transactions on Neural Networks and Learning Systems*, 2014 – 2015  
Associate Editor, *Information Sciences*, 2016–present  
Associate Editor, *Optimal Control Applications and Methods*, 2016–present  
Guest Editor, *Neurocomputing*, special issue on International Symposium on “Neural Networks”,  
2012  
Guest Editor, *Neurocomputing*, special issue on Special Issue on “Deep Learning Neural  
Networks: Methods, Systems, and Applications,” 2018  
Guest Editor, *Neural Computing & Applications*, Special issue on “The Neural Paradigm for  
Complex Systems: New Algorithms and Applications,” 2011.