Professor Qinglai Wei

Department of Engineering Science, Faculty of Innovation Engineering
Macau University of Science and Technology

PhD. Supervisor
Tel.   1500134392
E-mail   qlwei@must.edu.mo

Academic Qualification:

Ph.D.,   Control Theory and Control Engineering, 2009, Advisor: Prof. Huaguang
          Zhang
          Northeastern University, Shenyang, Liaoning, China

M.S.,   Control Theory and Control Engineering, 2005, Advisor: Prof. Xianwen
          Gao
          Northeastern University, Shenyang, Liaoning, China

B.S.,   Automation, 2002, Advisor: Baodong Xu
          Northeastern University, Shenyang, Liaoning, China

Teaching Area

Optimal Control, Intelligent Control, Self-Learning Control

Research Area

Learning Control and Systems, Control Science and Control Engineering, Artificial Intelligence

Working Experience

2020/11 present   Professor
                  Macau Institute of Systems Engineering, Macau University of
                  Science and Technology
2018/3 present   Associate Director
                  The State Key Laboratory of Management and Control for
                  Complex Systems, Institute of Automation, Chinese Academy of
                  Sciences
2016/10 present   Professor
                  The State Key Laboratory of Management and Control for
                  Complex Systems, Institute of Automation, Chinese Academy of
                  Sciences
2014/1 2014/2   Visiting Scholar

University of Texas at Arlington, USA. UTA Research Institute.

Visit Prof. Frank L. Lewis

2012/10 2016/9   Associate Professor

The State Key Laboratory of Management and Control for

Complex Systems, Institute of Automation, Chinese Academy of

Sciences

2011/7 2012/9   Assistant Professor

The State Key Laboratory of Management and Control for

Complex Systems, Institute of Automation, Chinese Academy of

Sciences

2009/2 2011/6   Postdoctoral Fellow

The State Key Laboratory of Management and Control for

Complex Systems, Institute of Automation, Chinese Academy of

Sciences

Research Grants

9/1/2022 ... ing and Self-Optimal Control of Incomplete Information for Buildin... s, Science and Technology Development Fund (FDCT), Macao Fun... cts, FDCT-22-009-MISE, 2,221,000 MOP

7/1/2020 1... Optimization Control of Urban Energy Management System Base... l Key Research and Development Plan "Strategic Science and Technolo... ey Special Project, 3,000,000 CNY.

1/1/2021 12/... o-Sum Game Theory Based on Virtual-L C & Chinese Acade... o-Project (A Class) , 3,600,000CNY.

1/1/2021 12/31... -Learning Collaborative Optimal Control of Smart Coal-Fired Power G... Systems, National Natural Science Foundation of China (62073321), 590,000 CNY.

12/1/2021 12/31... & Development of Self-Tuning Software for Power Generation Process Control Paramete... d on Self-Learning Optimization Algorithm& North China Electric Power Research Institute... t, 475,000CNY.

7/1/2020 12/1/20... 2020 Summer School on AI and CI Technologies for Industry, , , C Computational Inte... ce Society Fund, 5000$.

1/1/2020 12/31/202... & C J M &J -Research Project Chinese Aca... y of Sciences, 5,000,000 CNY.

9/1/17 12/31/17: PI... ina Association for Science and Technology Foundation for the International Organization Affairs, ... 000 CNY.

12/1/17 ,)), 24 J... -Based Iterative Adaptive Dynamic programming for Nonlinear M & M " M @ ", 1 . 3 , 2, & & ars.

1/1/18 ,)-), 4J & M -F I & The National Science Fund for Outstanding Young Scholars (61722... 12), 1,300,000 CNY.

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[55] **Qinglai Wei**, Huaguang Zhang, and LiLi & -based optimal control for discrete-time zero-sum games of 2- &ACTA Automatica Sinica, vol.35, no.6, pp. 682 692, 2009. (EI)

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Natural Science Award (First Prize), Chinese Association of Automation (CAA), Ranking 1/4, 2022

China Association of Invention, Innovation Award First Prize, Ranking 1/6, 2021

2020 International Conference on Information, Cybernetics, and Computational Social Systems (ICCSS 2020) Zadeh Best Paper Award, Ranking 1/4, 2020

Clarivate Analytic Global Highly Cited Scholar, 2019

IEEE/CAA Journal of Automatica Sinica, Best Paper Award, 2019

Acta Automatica Sinica, Associate Editor Award, 2018

IEEE/CAA Journal of Automatica Sinica Outstanding Associate Editor Award, 2018

IEEE System, Man, and Cybernetics Society, Andrew P. Sage Best Transactions Paper Award, 2018

IEEE Transactions on Neural Network and Learning Systems Outstanding Paper Award, 2018

Clarivate Analytic Global Highly Cited Scholar, 2018

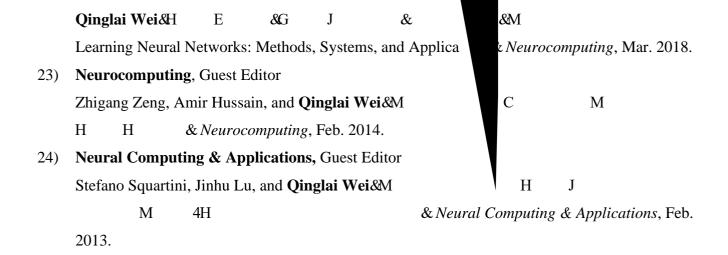Acta Automatica Sinica Outstanding Associate Editor Award, 2018

IEEE/CAA Journal of Automatica Sinica Outstanding Associate Editor Award, 2018

Yang Jiachi S

Director Awards, 2011 and 2013, The State Key Laboratory of Management and Control for Complex Systems, Institute of Automation, Chinese Academy of Sciences

1) 2022.1 今，IEEE Transactions on Intelligent Vehicles, Associate Editor
2)

Qinglai Wei&H E &G J & &M
Learning Neural Networks: Methods, Systems, and Applica &*Neurocomputing*, Mar. 2018.

23) **Neurocomputing**, Guest Editor

Zhigang Zeng, Amir Hussain, and **Qinglai Wei**&M C M

H H &*Neurocomputing*, Feb. 2014.

24) **Neural Computing & Applications,** Guest Editor

Stefano Squartini, Jinhu Lu, and **Qinglai Wei**&M H J

M 4H &*Neural Computing & Applications*, Feb.

2013.

Personal Website

https://people.ucas.ac.cn/~weiqinglai