

Plenary Panel Discussion

从自动化到智能化：机遇与挑战

From Automation to Intelligence: Opportunities and Challenges



Chair: Prof. **Ben M. Chen**, Chinese University of Hong Kong, China

Panelists: Prof. **Minyue Fu**, University of Newcastle, Australia

Prof. **Guoqiang Hu**, Nanyang Technological University, Singapore

Prof. **Huashu Qin**, Academy of Mathematics and Systems Science, CAS, China

Prof. **Ji-Feng Zhang**, Academy of Mathematics and Systems Science, CAS, China

Prof. **Tian Zheng**, Columbia University, USA



Prof. Minyue Fu

University of Newcastle, Australia

- **IEEE Fellow, Institute of Engineers Australia Fellow, and Chinese Association of Automation Fellow.**
- **Has been an Associate Editor for IEEE Transactions on Automatic Control, Automatica, IEEE Transactions on Signal Processing, and the Journal of Optimization and Engineering.**
- **Research interests: control systems, signal processing, and communications.**



Prof. Guoqiang Hu

Nanyang Technological University, Singapore

- **A recipient of the Guan Zhao-Zhi Award in CCC2017.**
- **Associate Editor for IEEE Transactions on Automatic Control, IEEE Transactions on Control Systems Technology, IEEE Transactions on Automation Science and Engineering, and Unmanned Systems, etc.**
- **Research interests: distributed control, optimization and games, with applications to multirobot systems and smart city systems.**



Prof. Huashu Qin

**Academy of Mathematics and Systems Science,
CAS, China**

- **Member of the Standing Council of CAA (1980-), Chairman of TCCT (1996-2003), and is currently an advisor of TCCT.**
- **Deputy Editor-in-Chief of the Journal Control Theory and Applications (1984-) and is currently a advisor of it.**
- **Research interests: problems of control of optimization and game including their algorithms, and especially artificial intelligent (AI).**



Prof. Ji-Feng Zhang

**Academy of Mathematics and Systems Science,
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- **IEEE Fellow, IFAC Fellow, CAA Fellow, and Member of the European Academy of Sciences and Arts.**
- **Received the Distinguished Young Scholar Fund from National Natural Science Foundation of China (1997), and the Second Prize of the State Natural Science Award of China (2010、 2015).**
- **Research interests: system modeling, adaptive control, stochastic systems, and multi-agent systems.**



Prof. Tian Zheng

Columbia University, USA

- **Fellow of American Statistical Association (ASA), Chair for ASA's section on Statistical Learning and Data Science.**
- **Received the Outstanding Statistical Application Award from the American Statistical Association (ASA), the Mitchell Prize from ISBA and a Google research award.**
- **Research interests: statistical machine learning, spatiotemporal modeling and social network analysis.**

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