# Chi HUANG
*Curriculum Vitae*

*Department of Computer Sciences*
*Southwestern University of Finance and Economics*
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🖫 *https://www.researchgate.net/profile/Chi-Huang-13*

## Research Interests

- Control and synthesis of networked systems, including complex networks, multi-agent systems, Boolean networks and sensor networks
- Data analysis and data-driven modelling
- Intelligent transportation systems

## Education

**2009.12–2012.11** **PhD**, *Applied Mathematics: Control Theory*, Department of Mathematics, City University of Hong Kong.
Supervisor: Prof. Daniel W.C. Ho

**2007.12–2009.11** **MPhil**, *Applied Mathematics: Control Theory*, Department of Mathematics, City University of Hong Kong.
Supervisor: Prof. Daniel W.C. Ho

**2005.09–2007.11** **Master Degree Candidate**, *Pure Mathematics: Topology*, College of Mathematics, Sichuan University.
Supervisor: Prof. Hui Kou

**2001.09–2005.07** **BSc**, *Information and Computing Science*, School of Science, East China Jiaotong University.

## Thesis

**PhD** A study in networked distributed systems with communication constraints

**MPhil** Synchronization analysis of polytopic complex dynamical networks

## Languages

Chinese **Mothertongue**

English **Intermediate** *Conversationally fluent*

## Professional Experience

**2022.01–present** **Professor**, School of Computing and Artificial Intelligence, Southwestern University of Finance and Economics.
Chengdu, China

**2018.10–2021.12** **Associate Professor**, School of Economic Information and Engineering, Southwestern University of Finance and Economics.
Chengdu, China

**2016.11–2018.09** **Associate Professor**, College of Data Science, Taiyuan University of Technology.
Shanxi, China

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|---|---|
| 2013.08–2016.10 | **Associate Professor**, College of Mathematics, Taiyuan University of Technology. |
| | Shanxi, China |
| 2012.12–2013.07 | **Instructor**, College of Mathematics, Taiyuan University of Technology. |
| | Shanxi, China |

## Research Experience

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|---|---|
| 2019.12 | **Visiting Scholar**, Department of Mathematical Sciences, Shibaura Institute of Technology. |
| | Saitama, Japan |
| 2018.11–2019.01 | **Senior Research Assistant**, Department of Mathematics, City University of Hong Kong. |
| | Hong Kong |
| 2018.01–2018.02 | **Senior Research Assistant**, Department of Mathematics, City University of Hong Kong. |
| | Hong Kong |
| 2017.01–2017.02 | **Senior Research Assistant**, Department of Mathematics, City University of Hong Kong. |
| | Hong Kong |
| 2016.08 | **Visiting Scholar**, Institute of Metals and Technology. |
| | Ljubljana, Slovenia |
| 2016.01–2016.02 | **Senior Research Assistant**, Department of Mathematics, City University of Hong Kong. |
| | Hong Kong |
| 2015.11 | **Visiting Scholar**, Department of Mathematical Sciences, Shibaura Institute of Technology. |
| | Saitama, Japan |
| 2015.08 | **Senior Research Assistant**, Department of Mathematics, City University of Hong Kong. |
| | Hong Kong |
| 2014.09–2014.10 | **Visiting Scholar**, Department of Mathematical Sciences, Shibaura Institute of Technology. |
| | Saitama, Japan |
| 2013.08–2013.10 | **Senior Research Assistant**, Department of Mathematics, City University of Hong Kong. |
| | Hong Kong |
| 2011.07–2011.10 | **Visiting Scholar**, Potsdam Institute for Climate Impact Research (PIK). |
| | Potsdam, Germany |

## Awards

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| 2020 | Outstanding Scientific Research Achievement Award (GRANTED BY SOUTHWESTERN UNIVERSITY OF FINANCE AND ECONOMICS) |
| 2020 | Academic Class A, Guanghua Hundred Talents Program (GRANTED BY SOUTHWESTERN UNIVERSITY OF FINANCE AND ECONOMICS) |
| 2019 | Academic Class B, Guanghua Hundred Talents Program (GRANTED BY SOUTHWESTERN UNIVERSITY OF FINANCE AND ECONOMICS) |
| 2014 | Outstanding Reviewer (GRANTED BY ASIAN JOURNAL OF CONTROL) |
| 2011 | DAAD Scholarship (GRANTED BY GERMAN ACADEMIC EXCHANGE SERVICE) |
| 2011 | Outstanding Academic Performance Award (GRANTED BY CITY UNIVERSITY OF HONG KONG) |
| 2011 | Best Paper Award (first prize) at the 8th Asian Control Conference (ASCC 2011) |

## Invited Talk

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| 2020.11.22 | The 2nd TCCT Logical Systems Control Symposium |
| 2017.04.08 | The 2nd SCIENCE CHINA Symposium on Hot Issues in Control Science |
| 2015.09.05 | School of Mathematics, Anhui Polytechnic University |

**2014.04.07**  College of Mathematical Science, Yangzhou University

## Editor of Journals

**Guest Editor**  **Abstract and Applied Analysis**.
special issue on Dynamical Analysis and Control for Complex Systems

## Referee Experience (as a referee for the following journals)

- Asian Journal of Control
- Chaos
- Complexity
- Frontiers of Information Technology & Electronic Engineering
- IEEE Access
- IEEE Control Systems Letters
- IEEE Transactions on Automatic Control
- IEEE Transactions on Automation Science and Engineering
- IEEE Transactions on Cybernetics
- IEEE Transactions on Neural Networks and Learning Systems
- IEEE Transactions on Systems, Man and Cybernetics: Systems
- IET Control Theory & Applications
- IET Radar, Sonar & Navigation
- Information Sciences
- International Journal of Applied Mathematics & Computer Science
- International Journal of Automation and Computing
- International Journal of Biomathematics
- International Journal of Circuit Theory and Applications
- International Journal of Control
- International Journal of Robust and Nonlinear Control
- International Journal of Systems and Science
- Journal of Advances in Mathematics and Computer Science
- Journal of Control and Decision
- Journal of The Franklin Institute
- Mathematical Reviews
- Mathematics and Computers in Simulation
- Neural Computing and Applications
- Neural Networks
- Neural Processing Letters
- Neurocomputing
- Nonlinear Analysis: Hybrid Systems
- Nonlinear Dynamics
- Physics Letters A
- SCIENCE CHINA Information Sciences
- Systems & Control Letters
- Systems Science and Control Engineering
- The Journal of Engineering

## Professional Activities

**Session Chair**  **The 12th Chinese Conference on Complex Networks**.
October 14-17, 2016, Taiyuan, China

**Minisymposium Organizer**  **8th International Congress on Industrial and Applied Mathematics**.
August 10-14, 2015, Beijing, China

**Session Chair**  **The 8th Asian Control Conference**.
May 15-18, 2011, Kaohsiung, China

## Grants

- National Natural Science Foundation of China (Grant no. 61603268)
- Tianyuan Special Funds of the National Natural Science Foundation of China (Grant no. 11326126)
- Foundation Research Project of Shanxi Province (Grant no. 2015021085)
- Research Project Supported by Shanxi Scholarship Council of China (Grant no. 2015-044)
- Postdoctoral Science Foundation of China (Grant no. 2016M601697)

## Teaching

### Undergraduate

| | |
|---|---|
| **Spring 2012-13** | **Computational Methods** $40 \times 2$ |
| **Fall 2013-14** | **English for Information and Computing Science** $40$ |
| **Spring 2013-14** | **Advanced Mathematics** $88$, Computational Methods $40$ |
| **Fall 2014-15** | English for Information and Computing Science $32$ |
| **Spring 2014-15** | Computational Methods $40$, Advanced Mathematics $88$ |
| **Fall 2015-16** | **Training for Mathematical software and Mathematical Modeling** $40$, English for Information and Computing Science $32$ |
| **Spring 2015-16** | **Linear Algebra** $40 \times 2$, Computational Methods $40$ |
| **Fall 2016-17** | **Computer Network** $32$, English for Information and Computing Science $32$, Training for Mathematical software and Mathematical Modeling $40$ |
| **Fall 2017-18** | English for Information and Computing Science $32$, Training for Mathematical software and Mathematical Modeling $40$ |
| **Spring 2017-18** | Deep Learning $32$ |
| **Spring 2018-19** | **Information Theory** $57$, Advanced Mathematics $90$ |
| **Fall 2019-20** | **Advanced Mathematics** $90$ |
| **Spring 2019-20** | Information Theory $57$ |
| **Spring 2020-21** | **Programming in Python (in English)** $57$, **Fundamentals of Applied Information Theory** $18$, Information Theory $57$, Machine Learning $57$ |
| **Fall 2021-22** | Machine Learning $57$ |
| **Spring 2021-22** | Information Theory $57$, Programming in Python (in English) $57 \times 2$, Machine Learning $57$ |

### Postgraduate

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| **Spring 2013-14** | **English for Mathematics** $40$, **Complex Network Theory** $40$, **Matrix Theory** $60$ |
| **Spring 2014-15** | English for Mathematics $40$, Complex Network Theory $40$ |
| **Spring 2015-16** | English for Mathematics $40$, Complex Network Theory $40$ |
| **Fall 2016-17** | **Numerical Analysis (in English)** $48$, **Machine Learning** $40$ |
| **Spring 2016-17** | English for Mathematics $40$, Complex Network Theory $40$ |
| **Fall 2017-18** | **Probability Theory and Mathematical Statistics (in English)** $48$, **Deep Learning** $40$, Machine Learning $40$, Numerical Analysis (in English) $48$ |
| **Spring 2017-18** | English for Mathematics $40$, Complex Network Theory $40$ |
| **Fall 2019-20** | Matrix Theory $57$ |

(Numbers are class hours.)

## Publications

### Book

1. **Chi Huang**, *Collective Behaviors of NDSs with Communication Constraints*. Lambert Academic Publishing, 2016.

### Journal paper

1. **Chi Huang***, Daniel W.C. Ho, and Jianquan Lu, "Synchronization analysis of a complex network family," *Nonlinear Analysis Series B: Real World Applications*, 11(3):1933-1945, 2010.

2. Wenjun Xiong*, Daniel W.C. Ho, and **Chi Huang**, "Pinning synchronization of time-varying polytopic directed stochastic networks," *Physics Letters A*, 374(3):439-447, 2010.

3. **Chi Huang***, Daniel W.C. Ho, and Jianquan Lu, "Partial-information-based distributed filtering in two-targets tracking sensor networks," *IEEE Transactions on Circuits and Systems I: Regular papers*, 59(4):820-832, 2012.

4. **Chi Huang***, Daniel W.C. Ho, Jianquan Lu, and Jürgen Kurths, "Partial synchronization in stochastic networks with switching communication channels," *Chaos*, 22:023108, 2012.

5. Jianquan Lu*, Jürgen Kurths, Jinde Cao, Nariman Mahdavi, and **Chi Huang**, "Synchronization control for nonlinear stochastic dynamical networks: Pinning impulsive strategy," *IEEE Transactions on Neural Networks and Learning Systems*, 23(2):285-292, 2012. (**ESI Highly Cited Paper**)

6. **Chi Huang***, Daniel W.C. Ho, Jianquan Lu, and Jürgen Kurths, "Pinning synchronization in T-S fuzzy complex networks with partial and discrete-time couplings," *IEEE Transactions on Fuzzy Systems*, 23(4):1274-1285, 2015.

7. **Chi Huang***, Daniel W.C Ho, and Jianquan Lu, "Partial-information-based synchronization analysis for complex dynamical networks," *The Journal of the Franklin Institute*, 352(9):3458-3475, 2015.

8. Guisheng Zhai and **Chi Huang***, "A note on basic consensus problems in multi-agent systems with switching interconnection graphs," *International Journal of Control*, 88(3):631-639, 2015.

9. Shun Chen*, Daniel W.C. Ho, and **Chi Huang**, "Fault reconstruction and state estimator design for distributed sensor networks in multi-targets tracking," *IEEE Transactions on Industrial Electronics: Regular paper*, 62(11):7091-7102, 2015.

10. Sufang Zhang, Wei Wang, and **Chi Huang***, "Stabilization of networked distributed systems with partial and event-based couplings," *Mathematical Problems in Engineering*, 342465, 2015.

11. Jianquan Lu*, Jie Zhong, **Chi Huang**, and Jinde Cao, "On pinning controllability of Boolean control networks," *IEEE Transactions on Automatic Control*, 61(6):1658-1663, 2016. (**ESI Highly Cited Paper**)

12. Jie Zhong, Jianquan Lu*, **Chi Huang**, Lulu Li, and Jinde Cao, "Finding graph minimum stable set and core via semi-tensor product approach," *Neurocomputing*, 174(22):588-596, 2016.

13. Xiaoran Lan, Hao Zhang, Ming Li, and **Chi Huang***, "Prediction of mobile users for updating terminal research based on data mining," *Mathematics in Practice and Theory*, 47(16):71-80, 2017. (in Chinese)

14. Wei Wang, **Chi Huang***, Jinde Cao, and Fuad E. Alsaadi, "Event-triggered control for sampled-data cluster formation of multi-agent systems," *Neurocomputing*, 267:25-35, 2017.

15. **Chi Huang***, Guisheng Zhai, and Gesheng Xu, "Necessary and sufficient conditions for consensus in third order multi-agent systems," *IEEE/CAA Journal of Automatica Sinica*, 5(6):1044-1053, 2018.

16  Liye Jia and **Chi Huang\***, "Formation-containment control in multi-agent system with impulsive algorithms," *Journal of University of Jinan (Science and Technology)*, 32(4):335-343, 2018. (in Chinese)

17  Chengli Feng and **Chi Huang\***, "Bipartite consensus of multi-agent systems with communication constraints," *Journal of University of Jinan (Science and Technology)*, 32(6):521-528, 2018. (in Chinese)

18  Gesheng Xu, **Chi Huang\***, and Guisheng Zhai, "A necessary and sufficient condition for designing formation of discrete-time multi-agent systems with delay," *Neurocomputing*, 315:48-58, 2018.

19  Wenzhi Li, **Chi Huang\***, and Guisheng Zhai, "Quadratic performance analysis of switched affine time-varying systems," *International Journal of Applied Mathematics and Computer Science*, 28(3):429-440, 2018.

20  **Chi Huang\***, Wei Wang, Jinde Cao, and Jianquan Lu, "Synchronization-based passivity of partially coupled neural networks with event-triggered communication," *Neurocomputing*, 319:134-143, 2018.

21  Gesheng Xu, **Chi Huang\***, and Guisheng Zhai, "Necessary and sufficient condition for designing formation in third-order multi-agent systems," *Journal of University of Jinan (Science and Technology)*, 33(1):81-87, 2019. (in Chinese)

22  Min Li and **Chi Huang\***, "Short term traffic flow prediction based on ensemble learning method," *Journal of University of Jinan (Science and Technology)*, 33(5):389-395, 2019. (in Chinese)

23  Chuan Luo, **Chi Huang\***, Wenshou Zeng, Shihao Liu, Ming Li, and Hao Zhang, "Discrimination of intelligent screw machine based on random forest," *Journal of University of Jinan (Science and Technology)*, 33(5):410-416, 2019. (in Chinese)

24  **Chi Huang\***, Chengli Feng, and Jinde Cao, "Consensus of cyber-physical power systems based on multi-agent systems with communication constraints," *Journal of Modern Power Systems and Clean Energy*, 7(5):1081-1093, 2019.

25  Chuan Luo, **Chi Huang\***, Jinde Cao, Jianquan Lu, Wei Huang, Jianhua Guo, and Yun Wei, "Short-term traffic flow prediction based on least square support vector machine with hybrid optimization algorithm," *Neural Processing Letters*, 50(3):2305-2322, 2019.

26  Xin Hu, **Chi Huang\***, Jianquan Lu, and Jinde Cao, "Stabilization of Boolean control networks with stochastic impulse," *Journal of the Franklin Institute*, 356(13):7164-7182, 2019.

27  Peiyuan Li and **Chi Huang\***, "Classification method for human protein images based on CSPPNet and ensemble learning," *Computer Engineering*, 46(8):235-242, 2020. (in Chinese)

28  Xia Zhang and **Chi Huang\***, "Synchronization analysis for fuzzy complex networks with reaction-diffusion terms," *Journal of North University of China (Natural Science Edition)*, 41(1):11-18, 2020. (in Chinese)

29  Xin Hu and **Chi Huang\***, "Set stabilization of Boolean control networks with stochastic impulse," *Journal of Systems Science and Mathematical Sciences*, 40(4):587-598, 2020. (in Chinese)

30  **Chi Huang\***, "The reform of information theory teaching based on online and offline integration," *Journal of Fujian Computer*, 36(10):86-87, 2020. (in Chinese)

31  **Chi Huang\***, Jianquan Lu, Daniel W.C. Ho, Guisheng Zhai, and Jinde Cao, "Stabilization of probabilistic Boolean networks via pinning control strategy," *Information Sciences*, 510:205-217, 2020. (**ESI Highly Cited Paper**)

32  Nan Jiang, **Chi Huang\***, Yao Chen, and Jürgen Kurths, "Bisimulation-based stabilization of probabilistic Boolean control networks with state feedback control," *Frontiers of Information Technology & Electronic Engineering*, 21(2):268-280, 2020.

33  Minqing Xiao, Guisheng Zhai\*, and **Chi Huang**, "Quadratic stabilization of switched affine systems," *Journal of Control and Decision*, 7(1):1-23, 2020.

34  Wei Wang, **Chi Huang\***, Chuangxia Huang, Jinde Cao, Jianquan Lu, and Li Wang, "Bipartite formation problem of second-order nonlinear multi-agent systems with hybrid impulses," *Applied Mathematics and Computation*, 370:124926, 2020.

35  Zijian Luo, Wenjun Xiong\*, Jinde Cao, and **Chi Huang**, "Event-triggered state tracking for two-dimensional neural networks with impulsive learning control schemes," *Journal of the Franklin Institute*, 357(17): 12364-12379, 2020.

36  Wei Wang, Li Wang\*, and **Chi Huang**, "Guaranteed cost bipartite formation problem of multi-agent systems with impulse control," *Control and Decision*, 36(1): 180-186, 2021. (in Chinese)

37  **Chi Huang\***, Xia Zhang, Hak-Keung Lam, and Shun-Hung Tsai, "Synchronization analysis for nonlinear complex networks with reaction-diffusion terms using fuzzy-model-based approach," *IEEE Transactions on Fuzzy Systems*, 29(6): 1350-1362, 2021. (**ESI Highly Cited Paper**)

38  **Chi Huang\***, Jianquan Lu, Guisheng Zhai, Jinde Cao, Guoping Lu, and Matjaž Perc, "Stability and stabilization in probability of probabilistic Boolean networks," *IEEE Transactions on Neural Networks and Learning Systems*, 32(1): 241-251, 2021. (**ESI Highly Cited Paper**)

39  **Chi Huang\***, Wei Wang, Jianquan Lu, and Jürgen Kurths, "Asymptotic analysis of Boolean networks with multiple missing data," *IEEE Transactions on Automatic Control*, 66(12): 6093-6099, 2021.

40  Anguo Zhang, Lulu Li\*, **Chi Huang**, and Jianquan Lu, "Output tracking of delayed Boolean control networks via output feedback control," *Journal of Liaocheng University (Natural Science Edition)*, 35(1): 1-8, 2022. (in Chinese)

41  **Chi Huang\***, Daniel W.C. Ho, Jianquan Lu, Wenjun Xiong, and Jinde Cao, "Synchronization of an array of coupled probabilistic Boolean networks," *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, in press.

42  Wei Wang, Li Wang\*, and **Chi Huang**, "Event-triggered control for guaranteed-cost bipartite formation of multi-agent systems," *IEEE Access*, in press.

43  Zijian Luo, Wenjun Xiong\*, and **Chi Huang**, "Finite-iteration learning tracking of multi-agent systems via the distributed optimization method," *Neurocomputing*, in press.

Conference paper

1  **Chi Huang\***, Daniel W.C. Ho, and Jianquan Lu, "Synchronization analysis of time varying polytopic complex network," *15th International Conference on Automation and Computing (ICAC 2009)*, September 19, 2009, University of Bedfordshire, London, UK.

2  **Chi Huang\***, Daniel W.C. Ho, and Jianquan Lu, "Synchronization analysis of complex network with uncertainty," *1st IFAC Workshop on Estimation and Control of Networked Systems (NecSys 2009)*, September 24-26, 2009, Venice, Italy.

3  **Chi Huang\***, Daniel W.C. Ho, Wenjun Xiong, and Jianquan Lu, "Two-targets tracking problem in sensor network with partial information transmission," *The 8th Asian Control Conference (ASCC 2011)*, May 15-18, 2011, Kaohsiung, Taiwan. (**The Best Paper Award**)

4  **Chi Huang\***, Daniel W.C. Ho, and Jianquan Lu, "Pinning synchronization in complex network with sampled data," *20th International Symposium on Mathematical Theory of Networks and Systems (MTNS 2012)*, July 9-13, 2012, University of Melbourne, Austrilia.

5   **Chi Huang\***, Daniel W.C. Ho, Jianquan Lu, and Zidong Wang, "Distributed filtering in sensor networks with hybrid communication constraints," *12th International Conference on Control, Automation, Robotics and Vision (ICARCV 2012)*, Dec. 5-7, 2012, Guangzhou, China.

6   Lulu Li\*, Daniel W.C. Ho, Yuanyuan Zou, **Chi Huang**, and Jianquan Lu, "Event-trigged control for discrete-time multi-agent networks," *The 9th Asian Control Conference (ASCC 2013)*, June 23-26, 2013, Istanbul, Turkey.

7   **Chi Huang\***, Daniel W.C. Ho, Lulu Li, and Jianquan Lu, "Distributed state estimation in rotational shiftwork sensor networks with communication constraints," *32nd Chinese Control Conference (CCC 2013)*, July 26-28, 2013, Xi'an, China.

8   Guisheng Zhai\* and **Chi Huang**, "Basic consensus problems in multi-agent systems with switching interconnection graphs," *2013 CACS International Automatic Control Conference (CACS 2013)*, December 2, 2013, Nantou, Taiwan.

9   **Chi Huang\***, Lulu Li, and Jianquan Lu, "Pinning stabilization of connected neural networks with event-based couplings," *International Conference on Mechatronics and Control*, July 3-5, 2014, Jinzhou, China.

10  **Chi Huang\***, Daniel W.C. Ho, Guisheng Zhai, and Lulu Li, "Input-to-state synchronization of complex dynamical network with time-varying delays," *33rd Chinese Control Conference (CCC 2014)*, July 28-30, 2014, Nanjing, China.

11  Lulu Li, Daniel W.C. Ho, **Chi Huang**, and Jianquan Lu, "Event-triggered discrete-time multi-agent consensus with delayed quantized information," *33rd Chinese Control Conference (CCC 2014)*, July 28-30, 2014, Nanjing, China.

12  Jie Zhong, Jianquan Lu, **Chi Huang**, Lulu Li, and Jinde Cao, "Synchronization of master-slave switched Boolean networks with delay," *The 10th Asian Control Conference (ASCC2015)*, May 31-Jun. 3, 2015, Kota Kinabalu, Malaysia.

13  **Chi Huang\***, Daniel W.C. Ho, and Guisheng Zhai, "Distributed stabilization of fuzzy networked systems with event-based sampling scheme," *34th Chinese Control Conference (CCC 2015)*, July 28-30, 2015, Hangzhou, China.

14  Lulu Li\*, Daniel W.C. Ho, Jianquan Lu, and **Chi Huang**, "Multi-agent consensus with delayed quantized information," *34th Chinese Control Conference (CCC2015)*, July 28-30, 2015, Hangzhou, China.

15  Guisheng Zhai\*, Nobufumi Naito, and **Chi Huang**, "Robust $H^\infty$ controller design for generalized mechanical systems: An approach utilizing physical characteristics," *54th Annual Conference of the Society of Instrument and Control Engineer of Japan (SICE2015)*, July 28-30, 2015, Hangzhou, China.

16  **Chi Huang\***, Guisheng Zhai, and Wenzhi Li, "Quadratic Stabilization and $\mathcal{L}_2$ Gain analysis of switched affine systems," *The 29th Chinese Control and Decision Conference (CCDC 2017)*, May 28-30, 2017, Chongqing, China.

17  **Chi Huang\*** and Wei Wang, "Projective cluster synchronization of dynamical networks via pinning impulsive control," *The 36th Chinese Control Conference (CCC 2017)*, July 26-28, 2017, Dalian, China.

18  **Chi Huang\***, Guisheng Zhai, and Gesheng Xu, "An algebraic approach to designing consensus algorithm of networked high dimensional agents," *The 36th Chinese Control Conference (CCC 2017)*, July 26-28, 2017, Dalian, China.

19  Wei Wang and **Chi Huang\***, "Cluster formation control for multi-agent systems with sampled-data method," *Chinese Automation Congress (CAC 2017)*, October 20-22, 2017, Jinan, China.

20  Guisheng Zhai*, Wenzhi Li, **Chi Huang**, and Minqing Xiao, "Quadratic stabilization of uncertain switched affine systems: An observer-based approach," *57th Annual Conference of the Society of Instrument and Control Engineers of Japan (SICE 2018)*, September 11-14, 2018, Nara, Japan.

(* for corresponding author)