

# 岳冬冬 (1994-01)

(+86) 131-8293-1727 · [yued@seu.edu.cn](mailto:yued@seu.edu.cn) · 籍贯: 河南郑州

## 通讯地址:

岳冬冬  
博士后研究员  
东南大学数学学院 503-2  
江苏省南京市东南大学路 2 号, 210096  
13182931727



## 简介

岳冬冬于 2015 年取得合肥工业大学数学与应用数学专业学士学位; 于 2021 年取得东南大学控制科学与工程专业博士学位。曾赴日本冈山县立大学、荷兰代尔夫特理工大学进行学术访问与合作。现任东南大学数学学院至善博后, 并入选 2021 年度博士后创新人才支持计划。其研究兴趣包含自适应控制、分布式优化等。目前以第一作者身份在 IEEE Trans. Autom. Control, IEEE/CAA J. Autom. Sinica 等控制与工程领域国际知名刊物上发表 SCI/EI 论文十余篇; 获第 18 届国际网络、传感与控制会议最佳理论论文奖。

## 教育背景

东南大学, 自动化学院, 控制科学与工程, 工学博士, 导师: 李奇, 曹进德	2017.3 - 2021.3
东南大学 (SEU), 数学学院, 应用数学, 硕士研究生, 导师: 曹进德, 硕博连读	2015.9 - 2017.1
合肥工业大学 (HFUT), 数学学院, 数学与应用数学, 理学学士, 保研	2011.9 - 2015.6

## 研究经历

东南大学 (SEU), 数学学院, 至善博后, 合作导师: 曹进德	2021.7 -
香港科技大学 (HKUST), 电子与计算机工程系, 访问研究员	2023.9 - 2023.12
荷兰代尔夫特理工大学 (TUD), 系统与控制中心, 联合培养博士生	2019.10 - 2020.10
日本冈山县立大学 (OPU), 控制与机械实验室, 访问研究员	2019.5 - 2019.8

## 学术成果

### 在研论文

[1]. **Dongdong Yue**, Simone Baldi, Jinde Cao, and Ling Shi. Adaptive exponential consensus with cooperative exponential parameter identification over leaderless directed graphs. *IEEE Transactions on Control of Network Systems*, submitted.

### 期刊论文

- [1]. **Dongdong Yue**, Simone Baldi, Jinde Cao, and Bart De Schutter. Model reference adaptive stabilizing control with application to leaderless consensus. *IEEE Transactions on Automatic Control*, accepted. (SCI, 中科院 2 区, JCR 1 区, IF 6.8, CAA A<sup>+</sup> 类)
- [2]. **Dongdong Yue**, Simone Baldi, Jinde Cao, Qi Li, and Bart De Schutter. Distributed adaptive resource allocation: an uncertain saddle-point dynamics viewpoint. *IEEE/CAA Journal of Automatica Sinica*, 10(12): 2209-2221, 2023. (SCI, 中科院 1 区, JCR 1 区, IF 11.8, CAA A<sup>+</sup> 类)
- [3]. **Dongdong Yue**, Simone Baldi, Jinde Cao, and Bart De Schutter. Distributed adaptive optimization with weight-balancing. *IEEE Transactions on Automatic Control*, 67(4): 2068-2075, 2022. (SCI, 中科院 2 区, JCR 1 区, IF 6.8, CAA A<sup>+</sup> 类)
- [4]. **Dongdong Yue**, Jinde Cao, Qi Li, and Qingshan Liu. Neural-network-based fully distributed adaptive consensus for a class of uncertain multiagent systems. *IEEE Transactions on Neural Networks and Learning Systems*, 32(7): 2965-2977, 2021. (SCI, 中科院 1 区, JCR 1 区, IF 10.4, CAA A 类)
- [5]. **Dongdong Yue**, Simone Baldi, Jinde Cao. Distributed aperiodic time-triggered and event-triggered consensus: a scalability viewpoint. *IEEE Transactions on Network Science and Engineering*, 10(3): 1512-1524, 2023. (SCI,

中科院 2 区, JCR 1 区, IF 6.6)

[6]. **Dongdong Yue**, Jinde Cao, Qi Li, and Mahmoud Abdel-Aty. Distributed neuro-adaptive formation control for uncertain multi-agent systems: node- and edge-based designs. *IEEE Transactions on Network Science and Engineering*, 7(4): 2656-2666, 2020. (SCI, 中科院 2 区, JCR 1 区, IF 6.6)

[7]. **Dongdong Yue**, Simone Baldi, Jinde Cao, Qi Li, and Bart De Schutter. A directed spanning tree adaptive control solution to time-varying formations. *IEEE Transactions on Control of Network Systems*, 8(2): 690-701, 2021. (SCI, 中科院 3 区, JCR 2 区, IF 4.2, CAA A 类)

[8]. **Dongdong Yue**, Jinde Cao, Qi Li, and Xinli Shi. Neuro-adaptive consensus strategy for a class of nonlinear time-delay multi-agent systems with an unmeasurable high-dimensional leader. *IET Control Theory & Applications*, 13(2): 230-238, 2019. (SCI, 中科院 3 区, JCR 3 区, IF 2.6, CAA B 类, 中信所表现不俗论文)

[9]. **Dongdong Yue**, Qi Li, Kil To Chong, and Jinde Cao. Neural-network-embedded distributed average tracking of agents with matching unknown nonlinearities. *Asian Journal of Control*, 23(6): 2628-2641, 2021. (SCI, 中科院 3 区, JCR 3 区, IF 2.4, CAA B 类)

## 会议论文

[1]. Meng Tao, **Dongdong Yue**, Jinde Cao, "PID-inspired continuous-time distributed optimization," *Annual Conference of the IEEE Industrial Electronics Society (IECON)*, Marina Bay Sands Expo and Convention Centre, Singapore, 2023, accepted. (EI, CAA A 类)

[2]. **Dongdong Yue**, Simone Baldi, and Jinde Cao, "D-MRACO: Decentralized Model Reference Adaptive Controller and Observer," *World Congress of the International Federation of Automatic Control (IFAC World Congress)*, Yokohama, Japan, 2023, accepted. (EI, CAA A 类)

[3]. **Dongdong Yue**, Simone Baldi, and Jinde Cao, "Distributed adaptive consensus disturbance rejection: a directed-spanning-tree perspective," *Chinese Control Conference (CCC)*, Hefei, China, 2022. (EI, CAA A 类)

[4]. **Dongdong Yue**, Simone Baldi, and Jinde Cao, "Robust model reference adaptive consensus with neural networks," *Chinese Control and Decision Conference (CCDC)*, Hefei, China, 2022. (EI, CAA A 类)

[5]. **Dongdong Yue**, Simone Baldi, Wenying Xu and Jinde Cao, "Distributed adaptive consensus via event-triggered sampling: an edge-based method," *IEEE International Conference on Networking, Sensing and Control (ICNSC)*, Xiamen, China, 2021. (EI, CAA B 类, 最佳理论论文奖)

[6]. **Dongdong Yue**, Qi Li, Jinde Cao, and Xuegang Tan. Robust neuro-adaptive asymptotic consensus for a class of uncertain multi-agent systems: an edge-based paradigm. *International Joint Conference on Neural Networks (IJCNN)*, Budapest, Hungary, 2019. (EI, CAA C 类)

[7]. Xuegang Tan, Jinde Cao, Rensi Chen, and **Dongdong Yue**. The event-based consensus of multi-agent networks with control gain in normal distribution. *Chinese Control Conference (CCC)*, Guangzhou, China, 2019. (EI)

## 科研项目

- 分布式自适应优化与经济调度 (BX2021064), 中国博士后科学基金委员会, 博士后创新人才支持计划, 63 万元, 国家级, 2021.07-2023.07, 在研, 主持
- 边界约束下的分布式自适应优化与经济调度, 东南大学, 博士后前沿科学基金一等资助, 15 万元, 2022.1-2022.12, 主持, 结题

## 荣誉与奖项

- 合肥工业大学 2015 届优秀毕业生 (2015.7)
- 国家公派留学奖学金 (2019.5)
- 东南大学教育基金会奖学金 (2019.8)
- 博士研究生国家奖学金 (2020.12)
- 第 18 届国际网络、传感与控制会议最佳理论论文奖 (2021.12)
- 2022 年度东南大学优秀博士学位论文 (2022.6)

## 受邀讲座与报告

第 37 届中国自动化学会青年学术年会, 北京 (线上)

2022.11

基于有向支撑树的分布式自适应控制框架

## 其他

- IEEE 会员 (2021.9-), 中国自动化学会会员 (2022.1-), 中国指挥与控制学会会员 (2022.3-), 中国指挥与控制学会青年工作委员会委员 (2022.4-), ICIST 2023/IEEE-CYBER 2023 等国际会议程序委员会委员, 应用数学与力学/IEEE TCYB/IEEE SMC-S 等国际期刊审稿人