

## HAIMIN LU

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Zhejiang University of Technology

Ph.D student

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Group: <https://emicc-group.github.io/>

### EDUCATION

*Doctor of Engineering*, Industrial Engineering, advised by [Prof. Zhi Pei](#)  
Zhejiang University of Technology, Hangzhou, China, expected Jun 2023

*Visiting scholar*, Industrial and Systems Engineering  
Northern Illinois University, Chicago, USA, October 2019 - January 2020

*Bachelor of Engineering*, Mechatronic Engineering  
Shanghai Polytechnic University, Shanghai, China, Jun 2018

### RESEARCH AREAS

Theories: Stochastic and distributionally robust optimization; Linear programming; Integer programming; Conic programming; convex and nonconvex programming

Applications: Intelligent scheduling in manufacturing; Healthcare operations; Logistics system optimization and design

### PUBLICATIONS

1. Pei, Zhi, **Lu, Haimin**, Jin, Qingwei, et al. "Target-based Distributionally Robust Optimization for Single Machine Scheduling," accepted by **European Journal of Operational Research (EJOR)**, 2021. <https://doi.org/10.1016/j.ejor.2021.08.034>.
2. Pei Zhi, Xuefang Zhang, **Haimin Lu**, et al. Multi-stage no-wait pharmaceutical flexible job shop scheduling. *Journal of Zhejiang University (Engineering Science)*. 2018.
3. **Haimin Lu**, Zhi Pei, "Distributionally Robust Scheduling with Independent Release Date," submitted, September 2021.
4. "Multi-stage sequential appointment scheduling with distributionally robust optimization," working. (with Zhi Pei)
5. "Re-entry appointment scheduling," working. (with Zhi Pei, Ziteng Wang)
6. "Distributionally Robust Single Machine Scheduling Over Wasserstein Balls Using Copositive Cones," working. (with Zhi Pei)

### ACADEMIC ACTIVITIES

1. *2021 Operational Research Optimization and Artificial Intelligence symposium*, Wuhan, April 2021;
2. *The 12th Workshop on Behavioral Operations Management*, report paper "Multi-stage appointment scheduling with distributionally robust optimization", Nanjing University, December 2020;
3. *16th IEEE International Conference on Automation Science and Engineering*, report paper "Target-based Distributionally Robust Optimization for Single Machine Scheduling", Hong Kong(Online), August 2020;

4. *The 3rd International Workshop on "Internet-Plus" Logistics Supply Chain Management and Operations*, Northeastern University, July 2019;
5. *The first logistics Intelligent algorithm academic Seminar*, Huazhong University of Science and Technology, July 2019;
6. *2019 International Symposium on Revenue Management*, Zhejiang University, May 2019;
7. *2019 Big Data and Intelligent Manufacturing Academic Conference*, Zhejiang University May 2019;
8. *"Digital Supply Chain" Special Forum*, Zhejiang University, December 2018;
9. *National Advanced Production System Theory and Application Seminar*, Wuhan University of Science and Technology, November 2018;

**AWARDS  
HONORS**

1. Zhejiang University of Technology Study Scholarship (2018-2021)
2. Excellent League Member in the year of 2018, Zhejiang University of Technology, Apr. 2019;
3. 2016 - 2017 Academic Year Outstanding Student, Shanghai Polytechnic University, Apr. 2017.