

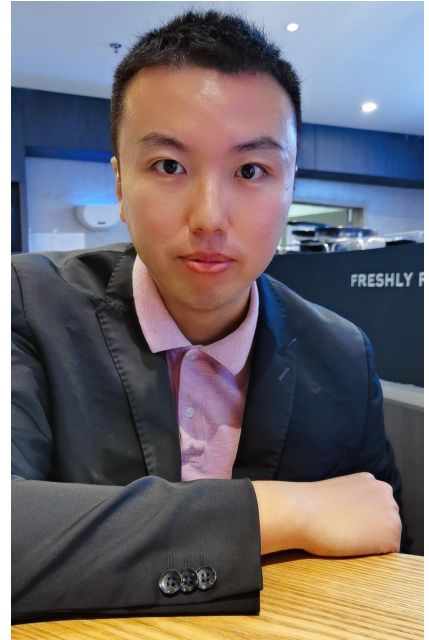
李延通 (副教授)

李延通 (1989-), 巴黎萨克雷大学自动化博士, 大连海事大学航运经济与管理学院副教授。以第一作者身份在 *INFORMS Journal on Computing*, *European Journal of Operational Research*, *International Journal of Production Research*, *International Journal of Production Economics*, *IEEE Transactions on Intelligent Transportation Systems* 等期刊发表论文。担任国际期刊 TRE, CIE, INFOR, IEEE TASE, IEEE ITS 等审稿人。

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教育背景

- 博士 Ph.D. in Automation, 02/2015 - 02/2019
 - ✧ University of Paris Saclay, Evry, France
- 硕士 M.Eng. in Transportation planning and management, 09/2011 - 12/2013
 - ✧ Military Transportation University, Tianjin, China
- 学士 B.Eng. in Traffic and Transportation, 09/2007 - 07/2011
 - ✧ Beijing Jiaotong University, Beijing, China

研究兴趣与方向

- 运筹与管理
- 调度理论与方法
- 运输与物流
- 智慧物流与智慧港口

访问经历

- 加拿大拉瓦尔大学, 加拿大魁北克 (访问博士生) 11/2017 - 03/2018

工作经历

- 助理研究员, 军事科学院, 北京 02/2019 - 02/2021
- 副教授, 大连海事大学, 大连 03/2021 - 今

期刊论文 (已发表或接收)

1. **Li Yantong (李延通)**, Côté Jean Francois, Coelho Leandro C., and Wu Peng*(2021). Novel efficient formulation and matheuristic for large-sized unrelated parallel machine scheduling with release dates. Available online at *International Journal of Production Research*, (JCR Q1, IF: 8.568) <https://www.tandfonline.com/doi/abs/10.1080/00207543.2021.1983224>
2. **Li Yantong (李延通)**, Chu Feng, Côté Jean Francois, Coelho Leandro C., and Chu Chengbin* (2020). The multi-plant perishable food production routing with packaging consideration. *International Journal of Production Economics*, 221, 107472. (JCR Q1, IF: 7.885) <https://doi.org/10.1016/j.ijpe.2019.08.007>
3. **Li Yantong (李延通)**, Chu Feng*, Feng Chenpeng, Chu Chengbin, and Zhou Mengchu (2018). Integrated production inventory routing planning for intelligent food logistics systems. *IEEE Transactions on Intelligent Transportation Systems*, 20(3), 867-878. (JCR Q1, IF: 6.492) <https://doi.org/10.1109/TITS.2018.2835145>
4. **Li Yantong (李延通)**, Chu Feng, Chu Chengbin*, and Zhu Zhanguo (2019). An efficient three-level heuristic for the large-scaled multi-product production routing problem with outsourcing. *European Journal of Operational Research*, 272(3), 914-927. (JCR Q1, IF: 5.334) <https://doi.org/10.1016/j.ejor.2018.07.018>
5. **Li Yantong (李延通)**, Côté Jean Francois, Coelho Leandro C., and Wu Peng*(2021). Novel Formulation and Logic-based Benders Decomposition for the Integrated Parallel Machine Scheduling and Location Problem. Accepted for publication at *INFORMS Journal on Computing*, (Top UTD 24 Journal, JCR Q3, IF: 2.276) (Forthcoming)
6. Tang Lianhua, Ariano D'Andrea, Xu Xingfang, **Li Yantong (李延通)**, Ding Xiaobing, and Samà Marcella (2018). Scheduling local and express trains in suburban rail transit lines: Mixed-integer nonlinear programming and adaptive genetic algorithm. *Computers & Operations Research*, 135, 105436. (JCR Q2, IF: 4.008) <https://doi.org/10.1016/j.cor.2021.105436>

期刊论文 (已投稿在修改)

1. **Li Yantong* (李延通)**, Côté Jean Francois, and Coelho Leandro C. (2021). Efficient Order Assignment and Scheduling of Personal Protective Equipment During Epidemics. Submitted to *European Journal of Operational Research*, Under R&R, Major revision, (JCR Q1, ABS 4*)
2. **Li Yantong (李延通)**, Li Ying, Cheng Junheng, and Wu Peng* (2021). Order Assignment and Scheduling for Personal Protective Equipment Production during the Outbreak of Epidemics. Submitted to *IEEE Transaction on Automation Science and Engineering*, Under R&R, Conditionally accepted, (JCR Q1)
3. Zhang Chuang, **Li Yantong* (李延通)**, Cao Junhai, Yang Zhen, and Coelho Leandro C. (2021). Exact and Matheuristic Methods for the Parallel Machine Scheduling and Location Problem with Delivery Time and Due Date. Re-Submitted to *Computers & Operations Research*, Under R&R, Major revision, (JCR Q2)
4. Zhang Chuang, **Li Yantong* (李延通)**, and Junhai Cao, and Wen Xin (2021). On the Mass COVID-19 Vaccination Scheduling Problem. Submitted to *Computers & Operations Research*, Under R&R, Major revision, (JCR Q2)

期刊论文 (已投稿在审稿)

1. **Li Yantong*** (李延通) and Zhang Shuai (2021). Order Assignment and Scheduling of Personal Protective Equipment under Uncertainty. **Submitted** to *IISE Transactions*, Under review (JCR Q1)
2. Tang Lianhua, **Li Yantong*** (李延通), Bai Danyu, Liu Tao, and Coelho Leandro C. (2021). Bi-objective Optimization for a Multi-period COVID-19 Vaccination Planning Problem. **Submitted** to **OMEGA – The International Journal of Management Science**, Under review, (JCR Q1)
3. **Li Yantong** (李延通), Wen Xin, Choi Tsan-Ming, and Chung Sai-Ho (2021). Combating COVID-19: Optimal Establishments of Massive Testing Programs. **Submitted** to *Transportation Research Part B: Methodological*, Under review, (JCR Q1)

会议论文 (分组报告)

1. **Li Yantong*** (李延通), Chu Feng, and Chen Kejia (2017). Coordinated Production Inventory Routing Planning for Perishable Food. *Ifac-Papersonline*, 50(1), 4246-4251. (Conference paper) <https://doi.org/10.1016/j.ifacol.2017.08.829>
2. **Li Yantong*** (李延通), Chu Feng, Chu Chengbin, Zhou Wei, and Zhu Zhangguo (2016). Integrated production inventory routing planning with time windows for perishable food. In *2016 IEEE 19th International Conference on Intelligent Transportation Systems (ITSC)* (pp. 2651-2656). (Conference paper) <https://doi.org/10.1109/ITSC.2016.7795982>
3. **Li Yantong*** (李延通), Chu Feng, Yang Zhen, and Calvo Roberto Wolfier (2016). A production inventory routing planning for perishable food with quality consideration. *Ifac-Papersonline*, 49(3), 407-412. (Conference paper) <https://doi.org/10.1016/j.ifacol.2016.07.068>

正在做的工作 (正在进行中)

1. **Li Yantong*** (李延通) (2021). An Efficient Matheuristic for the Order Acceptance, Assignment, and Scheduling problem. Targeted to *European Journal of Operational Research*.
2. **Li Yantong** (李延通), Zhang Chuang* (2021). Multi-period Vaccination Planning Considering Vehicle Routing Problem. Targeted to *Transportation Science*.
3. Tang Lianhua, **Li Yantong*** (李延通) (2021). Large-scale Vaccination Scheduling with Special Vehicles. Targeted to *Production and Operations Management*.
4. Xue Li, **Li Yantong*** (李延通) (2021). COVID-19 Rapid-testing Scheduling under Uncertainty. Targeted to *International Journal of Production Research*.
5. Chu Xiang, Wang Rui, Lin Yan, Wen Xin, and **Li Yantong*** (李延通) (2021). A Blockchain Enabled Online Trading System for Used Electronics.. Targeted to *Transportation Research Part E: Logistics and Transportation Review*.

项目经历

- 中法蔡元培项目 (N° 34644SB, 2015-2017) “可持续食品供应链：分析，设计与评价” granted by the

French Foreign and Research Ministries, Chinese Education Ministry. Partners: University of Evry Val of Essonne (France), University Paris 13 (France) and Nanjing Agricultural University (China).

欢迎有兴趣、有热情、有团队合作精神的同学报考硕士研究生。如硕士毕业后有进一步深造意向，可推荐至 985 高校或香港高校攻博，或推荐至加拿大、法国、德国等国家攻读博士学位。也欢迎有科研热情的本科生参与项目研究。

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