

Yang Li (李泱)

PhD Student (Third Year)

School of Information and Communication Engineering
Beijing University of Posts and Telecommunications, China

Email: ly209991@bupt.edu.cn

Homepage: <http://www.liyangbupt.com>

Research Interests

cloud & edge computing, Internet of Things, LLM, computing offloading and resource allocation.

Education

09/2022 – present	PhD in Information and Communication Engineering, BUPT
	◆ Advisor: Wenbo Wang, Xing Zhang
09/2018 – 07/2022	BS in Communication Engineering, BUPT

Awards & Honors

- Young Elite Scientists Sponsorship: PhD student Special Program, CAST , 2025
- City First Prize of Internet +, Beijing , 2024
- Beijing Color Da Chuang Top 100 Team, BUPT, 2024
- Excellent Ph.D. Students Foundation, BUPT, 2024
- Third place in Hongyan Cup(3/550) , BUPT, 2024
- Outstanding Graduate Student, Key Laboratory of Universal Wireless Communications, Ministry of Education, 2022/2023/2024
- Outstanding GraduatesJ, BUPT/Beijing Ministry of Education, 2022
- Second-class Scholarship, BUPT, 2021/2022/2023/2024
- First-class Scholarship, BUPT, 2019/2020

Professional Services

Reviewer:

- IEEE Transactions on Green Communications and Networking
- IEEE Open Journal of the Communications Society
- IEEE Open Journal of Vehicular Technology

- The 4th International Conference on Artificial Intelligence, Information Processing and Cloud Computing (AIIPCC 2024)
- The Journal of Supercomputing
- IEEE Global Communications Conference 2022
- IEEE/CIC International Conference on Communications in China 2023
- IEEE/CIC International Conference on Communications in China, 2024

Conference Publications

[c1] Y Li, X Zhang, B Lei, et al. Priority and Stackelberg Game-Based Incentive Task Allocation for Device-Assisted MEC Networks[C]//2024 IEEE Global Communications Conference. IEEE, 2024.

[c2] Y Li, B Lei, Z Li, et al. Task offloading with multi-cluster collaboration for computing and network convergence[C]//Proceedings of the 29th Annual International Conference on Mobile Computing and Networking. 2023: 1-3.

[c3] Y Li, X Zhang, Y Sun, et al. Joint Offloading and Resource Allocation with Partial Information for Multi-user Edge Computing[C]//2022 IEEE Globecom Workshops (GC Wkshps). IEEE, 2022: 1736-1741.

[c4] X Ge, Y Li, X Zhang, Y Sun, Y Zhao. Contention-Aware Microservice Deployment in Collaborative Mobile Edge Networks[C]// 2025 IEEE Wireless Communications and Networking Conference (WCNC). IEEE, 2025.

[c5] H Zhang, Y Li, X Zhang. Joint D2D and Base Station Collaboration with Hierarchical Task Offloading in MEC Networks[C]//2024 IEEE/CIC International Conference on Communications in China (ICCC). IEEE, 2024.

[c6] Z Qu, X Zhang, H Huang, Y Li, et al. Community and Priority-Based Microservice Placement in Collaborative Vehicular Edge Computing Networks[C]//2024 IEEE Wireless Communications and Networking Conference (WCNC). IEEE, 2024.

Journal Publications

[J1] Y Li, X Ge, B Lei, et al. Joint Task Partitioning and Parallel Scheduling in Device-Assisted Mobile Edge Networks[J]. IEEE Internet of Things Journal, 2023.

[J2] Y Li, X Zhang, B Lei, et al. Computation Rate Maximization for Wireless Powered Edge Computing With Multi-User Cooperation[J]. IEEE Open Journal of the Communications Society, 2024.

[J3] Y Li, X Zhang, B Lei, et al. Incentive-Driven Task Offloading and Collaborative Computing in Device-Assisted MEC Networks [J]. IEEE Internet of Things Journal, 2024.

[J4] Y Li, X Zhang, Y Sun, et al. Spatiotemporal Non-Uniformity-Aware Online Task Scheduling in Collaborative Edge Computing for Industrial Internet of Things [J]. IEEE Transactions on Mobile Computing, 2025.

Patents

[P1] 张兴, 李泱, 王文博. 端侧算力网络中多粒度多级别算力调度方法: CN202310550896.X[P]. 2023-08-25.

[P2] 张兴, 李泱, 王于波, 赵旭, 雷波, 高伟东, 张恺飒, 王文博. 移动通算一体边缘网关多级激励方法: CN202311813494.0[P]. 2024-03-08.

[P3] 张兴, 李泱, 王文博, 张佳鑫, 胡春静, 张赫灵, 易云翔. 用于协作边缘计算的任务调度方法、装置和系统: 202411345577.6. 2024-09-26.

[P4] Xing Zhang, Yang Li, Wenbo Wang. TASK SCHEDULING METHOD, ELECTRONIC DEVICE, AND STORAGE MEDIUM. 19/024,080. 2025-01-16. [US Patent]

[P5] 张兴, 曲哲言, 李泱, 王文博. 一种面向端侧算力网络的服务部署系统及其服务部署方法: CN202310510626.6[P]. 2023-09-01.