

HONGBO LI

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RESEARCH INTERESTS

- Mobile Crowdsourcing and Networked AI
- Multi-player Distributed Learning
- Network Economics and Game Theory

EDUCATION BACKGROUND

Singapore University of Technology and Design (SUTD), Ph.D., Singapore 09/2020 - current
Engineering Systems and Design (ESD) Pillar
Advisor: Associate Professor Lingjie Duan

Shanghai Jiao Tong University (SJTU), B.Sc., Shanghai, China 09/2015 - 06/2019
School of Electronic Information and Electrical Engineering, IEEE Honor Class

EXPERIENCE

Shanghai Jiao Tong University, Shanghai, China 06/2020 - 08/2020
Research Assistant

Changhong Electric Co., Ltd, Chengdu, China 07/2019 - 06/2020
Assistant Engineer

PUBLICATIONS

Conference Papers

1. **H. Li** and L. Duan, “When Congestion Games Meet Mobile Crowdsourcing: Selective Information Disclosure,” In *Proceedings of AAAI Conference on Artificial Intelligence*, 37(5), 5739-5746. 2023. (Oral)

Journal Papers

1. **H. Li** and L. Duan, “Online Pricing Incentive to Sample Fresh Information,” in *IEEE Transactions on Network Science and Engineering*, 10 (1), 514-526. 2023.

There are five papers (first-author) under review.

PATENT

1. **H. Li**, X. Ding, Y. Li, and J. He, “A Particle Filter Based Localization Method for Multi-Robot Formation”, application number: 202010128966.9, under the substantive examination.

AWARDS & HONORS

- SUTD PhD Fellowship 09/2020
- Outstanding Graduates of Shanghai (Top 2% in SJTU) 05/2019
- Student of the Year (Nomination Award), SJTU (Top 15/40000) 12/2017

TEACHING EXPERIENCES

1. **Game Theory**, teaching assistant, undergraduate course 05/2022 - 08/2022
Singapore University of Technology and Design, Engineering Systems and Design Pillar
2. **Data and Business Analytics**, teaching assistant, undergraduate course 01/2022 - 04/2022
Singapore University of Technology and Design, Engineering Systems and Design Pillar

TECHNICAL REVIEWER

- ACM Mobihoc Symposium 2022.

TALKS

- “When Mobile Crowdsourcing Meets Congestion Games: Selective Information Disclosure” 04/2023
Shanghai Jiao Tong University, Shanghai, China.