Hongbo Li

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RESEARCH INTERESTS

➢ Mobile Crowdsourcing and Networked AI

➢ Multi-agent Learning

➢ Network Economics and Game Theory

EDUCATION BACKGROUND

09/2020-Present   Singapore University of Technology and Design (SUTD), **Ph.D.**

Engineering Systems and Design (ESD) Pillar

Advisor: Associate Professor Lingjie Duan

09/2015-06/2019   Shanghai Jiao Tong University (SJTU), **B.Sc**

School of Electronic Information and Electrical Engineering, IEEE Honor Class (Top 10% of the entrance examination)

WORKING EXPERIENCES

06/2020-08/2020	Shanghai Jiao Tong University	Research Assistant
07/2019-06/2020	AI Lab., Chang Hong Electric Co., Ltd	Assistant Engineer

PUBLICATIONS

Conference Papers………………………………….……….……….….……….……….……

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

Please note that there are **3 more** conference papers under review.

Journal Articles……………………………………….……….……….……….……….……

[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.

Preprints ………..……………………………………………….…………….……….……….

[1] X. Ding[†], H. Wang[†], **H. Li**[†], H. Jiang, and J. He, "Robopheus: A Virtual-physical Interactive Mobile Robotic Testbed," *arXiv preprint arXiv:2103.04391*.

PATENT

➢ **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

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

TEACHING EXPERIENCES

➢ **Game Theory**, teaching assistant, undergraduate course, Singapore University of Technology and Design, Engineering Systems and Design Pillar, 2022 May.

➢ **Data and Business Analytics**, teaching assistant, undergraduate course, Singapore University of Technology and Design, Engineering Systems and Design Pillar, 2022 Jane.

TECHNICAL REVIEWER

➢ ACM Mobihoc Symposium 2022.

TALKS

➢ [01/04/2023] "When Mobile Crowdsourcing Meets Congestion Games: Selective Information Disclosure", Shanghai Jiao Tong University, Shanghai, China.