香港大学工业及制造系统工程系
张芳妮博士(Dr. Fangni Zhang)招收交通方向博士生

香港大学工业及制造系统工程系张芳妮博士(Dr. Fangni Zhang)课题组招收博士研究生。

课题组主要研究方向包括:
- 共享交通及物流系统 (Shared transport and logistics systems);
- 自动驾驶交通系统 (Autonomous vehicle/UAV systems);
- 交通网络建模优化 (Transport network modeling and optimization);
- 交通与城市数据分析 (Transport/urban data analytics);
- 交通经济学分析 (Transport economics).

课题组负责人张芳妮博士为香港大学工业及制造系统工程系助理教授,博士生导师。张博士曾在英国帝国理工大学,英国利兹大学,澳大利亚新南威尔士大学研究任教。课题组研究项目主要由香港研究资助局(RGC HK)、国家自然科学基金委(NSFC)等资助。张博士在 SCI/SSCI 索引的期刊和国际会议发表论文八十余篇,其中在交通领域权威期刊 (如 Transportation Science, Transportation Research Part A/B/C/D/E, IEEE Transactions on ITS 等)发表论文近四十篇。详情请见张博士个人主页: https://fangnizhang.github.io/

申请者基本要求如下:
- 工业工程、交通工程、计算机、数学、自动控制等相关专业本科或硕士毕业;
- 优秀的数学和编程基础,优异的英语口语和书面表达能力;
- 本科阶段学习成绩优秀,平均分 88/100 或以上,或专业排名前 10%;
- 如有硕士学位,需有 SCI/SSCI 期刊论文接收或发表;
- 雅思或托福成绩合格 (雅思 6.5 分以上,单项不低于 6; 托福 85 分以上);
- 对多学科交叉型研究工作具有极大兴趣,热爱并有志于从事研究工作,富有创造力。

录取的博士研究生将享有 18,390 港币/月的奖学金(2023 年标准),通过 PhD probation 之后奖学金为 18,890 港币/月,扣除学费后大约为 15,100 港币/月。另外课题组会提供参加国内外重要学术会议的经费资助(根据需要一年可多次)。

对于特别优秀的申请者,团队将大力支持其申请香港政府博士奖学金 (Hong Kong PhD Fellowship)和香港大学校长奖学金(HKU Presidential PhD Scholarship),成功的申请者将获总额近 165 万港币的资助。具体为奖学金 27,600 港币/月,学费全免,每年有 13,800 港币的专项经费用于外出学术交流,另外学校还提供额外每年 2-4 万港币的津贴、优先住宿的安排。详情请参考香港大学研究生院网站: https://gradsch.hku.hk/

有意向者请邮件联系 Dr. Zhang (fnzhang@hku.hk),附上简历、本科/硕士期间成绩单、英语成绩、论文发表情况、以及研究兴趣。

Ph.D. Positions in Transportation at University of Hong Kong, Department of Industrial and Manufacturing Systems Engineering

Position Description

The Department of Industrial and Manufacturing Systems Engineering (IMSE) at The University of Hong Kong (HKU) seeks to recruit self-motivated Ph.D. students to join Dr. Fangni Zhang's research group. Applicants should have a B.S. or M.S. in Industrial Engineering, Transportation Engineering, Applied Mathematics, and Computer Science or related fields. Strong oral and written communication skills in English are required. Candidates with research experience in network modeling, optimization and game theory are preferred.

Successful applicants will be considered eligible to receive a Postgraduate Scholarship (the 2023 rate: HK$18,390/month) during the normative study period. Outstanding applicants for the Ph.D. programme are strongly encouraged to apply for the Hong Kong PhD Fellowship scheme (HKPFS) and HKU Presidential PhD Scholarship (HKUPS). HKPFS and HKUPS provide a stipend of HK$27,600/month and a conference and research-related travel allowance of HK$13,800/year. HKU will provide additional living allowance (HK$20-40k/year) and accommodation support. To learn more about the HKU Ph.D. programme and scholarships, visit https://gradsch.hku.hk/

About Supervisor

Dr. Fangni Zhang is an Assistant Professor at the Department of Industrial and Manufacturing Systems Engineering at The University of Hong Kong. Dr. Zhang's research interests include:

- Shared transport and logistics systems
- Autonomous vehicle/UAV systems
- Transport network modeling and optimization
- Transport/urban data analytics
- Transport economics

Dr. Zhang has published more than 80 papers in world-leading journals and conferences in the field (e.g., Transportation Science, Transportation Research Part A/B/C/D/E, IEEE Transactions on ITS, and ISTTT). Dr. Zhang's research has been funded by the Research Grants Council (RGC) of Hong Kong and the National Natural Science Foundation of China (NSFC). Prior to joining HKU, she held Lecturer positions at University of New South Wales and University of Leeds, and worked at Imperial College London as a Research Associate. Visit Dr. Zhang's personal website for more details: https://fangnizhang.github.io/

Some facts about HKU:

Ranked 1st in Hong Kong SAR in the QS/Times/ARWU University Rankings 2023/2024
Ranked 26th in QS World University Rankings 2024
Ranked 31st in Times Higher Education World University Rankings 2023
Ranked 1st in the most international universities by Times Higher Education 2023

Interested candidates should send a full resume, copies of academic transcripts, and list of publications (if any) to Dr. Zhang at fnzhang@hku.hk