**参与者 简历**

**教育经历**（从大学本科开始，按时间倒序排序；请列出攻读研究生学位阶段导师姓名）：

(1) 2022-09 至 今, University Malaya, Computing (Computer Science), 在读博士研究生

(2) 2014-09 至 2018-03, 上海交通大学, 软件工程, 硕士

(3) 2010-09 至 2014-06, 华中科技大学, 数字媒体技术, 学士

**科研与学术工作经历**（按时间倒序排序；如为在站博士后研究人员或曾有博士后研究经历，请列出合作导师姓名）：

(1) 2018-05 至 今, 太原科技大学, 计算机学院, 助教

**曾使用其他证件信息**（申请人应使用唯一身份证件申请项目，曾经使用其他身份证件作为申请人或主要参与者获得过项目资助的，应当在此列明）：

无

**主持或参加科研项目（课题）情况**（按时间倒序排序）：

山西省科技厅, 山西省基础研究计划面上项目, 202203021221145, 基于介尺度的大规模复杂系统多智能体并行仿真模型研究, 2023-01 至 2025-12, 10万元, 在研,参与。

**代表性研究成果和学术奖励情况**

**①代表性论著**

1. **Fan, G.#**, Sabri, A. Q. M., Rahman, S. S. A., & Pan, L. (2025). DynaKey-GNN: An efficient dynamic key-node multi-graph neural network for spatio-temporal traffic flow forecasting. *Engineering Applications of Artificial Intelligence*, 159, 111757. (SCI Q1 Top)
2. **Fan, G.#**, Liu, D., Zhang, R., & Pan, L. (2025). The impact of AI-assisted pair programming on student motivation, programming anxiety, collaborative learning, and programming performance: a comparative study with traditional pair programming and individual approaches. *International Journal of STEM Education*, 12(1), 16. (SCI Q1 Top)
3. **Fan, G.#**, Sabri, A. Q. M., Rahman, S. S. A., Pan, L., & Rahardja, S. (2025). Emerging Trends in Graph Neural Networks for Traffic Flow Prediction: A Survey. *Archives of Computational Methods in Engineering*, 1-45. (SCI Q1 Top)
4. **Fan, G.#**, Liu, D., Pan, L., & Huang, Y. (2025). Creative Momentum Transfer: How Timing and Labeling of AI Suggestions Shape Iterative Human Ideation. *In International Joint Conferences on Artificial Intelligence (IJCAI)*. Montreal, Canada, August, 2025. (CCF A)
5. **Fan, G.#**. (2025). DocPINN: A Neural PDE-Based Framework for Document Image Dewarping. In I*nternational Conference on Document Analysis and Recognition 2025* (ICDAR 2025). Wuhan, China, September, 2025. (CCF C)

**②论著之外的代表性研究成果和学术奖励**

1. **Fan, G.#**, Liu, D., & Huang, Y. (2025). Skim or Swim? Investigating AI-Generated Summaries, Trust, and Comprehension in Chinese Mobile Reading. *International Journal of Human–Computer Interaction*, 1–22. <https://doi.org/10.1080/10447318.2025.2574513> (CCF B)
2. Zhao, R., Quan, Y., & **Fan, G\***. (2025). Optimizing Operating Room Scheduling Through Multi-Level Learning and Column Generation: A Novel Hybrid Approach. *Health Care Management Science*. <https://doi.org/10.1007/s10729-025-09723-9> (SCI Q3)
3. **Fan, G.**, Liu, A., & Zhang, C. (2025). ContrastLOS: A Graph-Based Deep Learning Model With Contrastive Pre-Training for Improved ICU Length-of-Stay Prediction. *IEEE Access*. (SCI Q3)
4. **Fan, G**., & Liu, D. (2025). Co-Constructing Meaning with Large Language Models: A Longitudinal Analysis of Human-AI Dialogues in Emotional Support Contexts. *In Proceedings of the Annual Meeting of the Cognitive Science Society*(Vol. 47). San Francisco, USA, August 2, 2025. (CCF B)
5. **Fan, G**., Liu, D., Pan, L., & Huang, Y. (2025). Mapping Override Behavior: Investigating Why and How Artists Reject AI Suggestions in Collaborative Creation. In *2025 International Joint Conference on Neural Networks* (IJCNN). IEEE. Rome, Italy, June 30, 2025. (CCF C)