About me

Guanhua Xiang (向冠华) is a Research Assistant at the College of Transportation Engineering, Changsha University of Science and Technology. He received his B.S. degree (2018) in transportation from Changsha University of Science and Technology.

His research focuses on data-driven decision analytics; large-scale transport system modeling and optimization; multi-modal transportation network design and optimization; transportation network modeling and resilience analysis; game theory; smart mobility; connected and automated transportation; low-altitude air mobility and logistics. He has published 3 SCI/SSCI indexed research papers in top-tier transportation journals, such as Transportation Research Part C/E, and J. Traffic Transp. Eng. (Engl. Ed.). He serves as referees for Transportation Research Part C: Emerging Technologies and Transportation Research Part E: Logistics and Transportation Review.

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Education

09/2014 – 06/2018   Bachelor of Transportation, College of Transportation Engineering, Changsha University of Science and Technology, P.R. China.

Professional Experience

10/2021 – Present   Research Assistant at the College of Transportation Engineering, Changsha University of Science and Technology, P. R. China

Areas of Research

- Data-driven decision analytics;

- Multi-modal transportation network design and optimization;

- Large-scale transport system modeling and optimization;

- Transportation network modeling and resilience analysis;

- Game theory and smart mobility;

- Connected and automated transportation;

- Low-altitude air mobility and logistics.

Publications

Google Scholar: https://scholar.google.com/citations?user=RZYnyzQAAAAJ&hl=en

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