

Jiaojiao Fan

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EDUCATION

Georgia Institute of Technology
PhD student in Machine Learning
Advisors: Dr. Yongxin Chen

2020 - present

Shanghai Jiao Tong University
Bachelor in Mechanical Engineering

2015 - 2019

PUBLICATIONS

Preprints

* - equal contribution

3. **On the complexity of the optimal transport problem with graph-structured cost**

Isabel Haasler*, **Jiaojiao Fan***, Johan Karlsson, Yongxin Chen
under review, 2021.

2. **Scalable Computation of Monge Maps with General Costs**

Jiaojiao Fan*, Shu Liu*, Shaojun Ma*, Yongxin Chen, Haomin Zhou.
arXiv:2106.03812 (under review), 2021.

1. **Stein particle filtering**

Jiaojiao Fan, Amirhossein Taghvaei, Yongxin Chen.
under review, 2021.

Conference Publications

2. **Scalable Computations of Wasserstein Barycenter via Input Convex Neural Networks.**

Jiaojiao Fan, Amirhossein Taghvaei, Yongxin Chen.
International Conference on Machine Learning (ICML), 2021 (Long Talk 3%).

1. **Watch for failing Objects: What Inappropriate Compliance Reveals about Shared Mental Models in Autonomous Cars.**

Yosef Razin, Jack Gale, **Jiaojiao Fan**, Jaznae' Smith, Karen Feigh
Human Factors and Ergonomics Society (HFES) Annual Meeting, 2021.

SELECTED AWARDS AND HONORS

- **SJTU Pacesetter Award** (Student Highest Honor in SJTU) 2018
- **Tang Lixin Scholarship** (Top 0.5%) 2017
- **China National Scholarship** (Top 2%, Twice) 2017, 2018
- **Shanghai Outstanding Graduates** (Top 5%) 2019

SKILLS

- Programming Language: Python
- Professional Software: Microsoft AirSim, Unreal Engine, ROS