Suzhou Huang

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RESEARCH INTERESTS

Multi-agent Systems and Robotics
with applications in automated driving, human driving behavior modeling, coordinated smart transportation systems

EDUCATION

Massachusetts Institute of Technology ***Cambridge, MA*** **1988**
Ph.D. in Physics

RECENT WORKING EXPERIENCE

Research Scientist III ***University of Wisconsin, Milwaukee*** **Since Oct 2023**

Executive Technical Leader ***Ford Research & Advanced Engineering*** **Retired July 2023**

Director ***Analytics R&D, Ford Global Data Insight and Analytics*** **Until Oct 2020**

RELEVANT PUBLICATIONS

1. **With Dai, Xu, Guo, Filev, "Towards a Systematic Computational Framework for Modeling Multi-agent Decision-making at Micro Level for Smart Vehicles in Smart World,"** ***Robotics and Autonomous Systems*****, 144 (2021) 103859.**
2. **With Dai, Shen, Wang, Filev, "Calibration of Human Driving Behavior and Preference Using Vehicle Trajectory Data,"** ***Transportation Research Part C*****, 145 (2022) 103916.**
3. **With Liu, Kolmanovsky, Tseng, Filev, Girard, "Potential Game-Based Decision-making for Autonomous Driving,"** ***IEEE Transactions on Intelligent Transportation Systems*****, 24 (2023) 8014.**