Workshop on Transit Oriented Innovations in Emerging Mobility Service Designs, Algorithms, and Societal Implications

Wednesday, October 19

Hosted by Cornell University and Georgia Institute of Technology

9:15 - 9:20am	Welcome
9:20 -10:00am	Multi-modal Transit Systems: Opportunities & Challenges Pascal Van Hentenryck (Georgia Tech)
10:00 - 10:45am	Panel discussion: Innovating in Transit David Shmoys (Cornell/Consultant for Lyft) Philip Pugliese (Chattanooga Area Regional Transportation Authority) Yueyue Fan (NSF)
10:45-11:00am	Break
11:00 - 11:30am	Transit Line-planning Julia Yan (UBC)
11:30am - 12pm	Design and Optimization of On-demand Microtransit Systems Alexandre Jacquillat (MIT)
12:00 - 12:30pm	Dynamic Pricing for Welfare Maximization Peter Frazier (Cornell/Uber)
12:30 - 1:30pm	Lunch Break (on your own)
1:30 - 2:00pm	Network Design and Pricing for Multi-modal Transit Qi Luo (Clemson)
2:00 - 2:30pm	Capturing Travel Mode Adoption in Designing Multimodal Transit Systems Beste Basciftci (Iowa)
2:30 - 3:00pm	Decision Support Tools for Policy Makers Arthur Delarue (Georgia Tech)
3:00 - 3:15pm	Break
3:15 - 3:45 pm	Alleviating Transit Deserts by Integrating Public Transit and Ride-sharing Systems Vikrant Vaze (Dartmouth)
3:45 - 4:15 pm	Data-driven and Fair Decision-making for Transit Abhishek Dubey (Vanderbilt)
4:15 - 4:45 pm	The Viability of Microtransit as a Complement to Fixed-route Transit Michael Hyland (Irvine)
4:45 - 5:00 pm	Concluding Remarks