

Call for papers
Smart Mobility – Data-driven Models and Algorithms
Workshop @ IIT Madras Research Park, Chennai. Dec 15-17, 2019

Transportation, particularly within cities, has undergone an immense transformation over the past decade. Availability of accurate real-time information and the emergence of transportation network companies have truly redefined how we plan, optimize, and manage our daily travel. The coming decade could completely redefine urban transport. Technologies with 2-3 letter abbreviations - 5G, IoT, EV, AV, TNC - have the potential to disrupt urban mobility as we have known it for the past century.

A key factor behind the disruption is also the emergence of Big Data and ML algorithms that can leverage the above technologies and deliver value to commuters. We invite researchers and practitioners to a workshop to discuss current trends in data-driven models and algorithms for Smart Mobility. We invite extended abstracts (minimum of 1000 words and maximum of 3 pages) of your on-going original research for presentation at the workshop. The broad area of interest is smart mobility including the following topics:

- Big Data in mobility
- ML algorithms for transportation
- Sharing economy / mobility as a service
- Electric Vehicles
- Autonomous Vehicles
- Data-driven transport planning
- Data-driven traffic models
- Smart city logistics
- Travel demand modelling with Big Data
- Data-driven sustainable transport planning and operations
- Safety in future mobility
- Privacy and fairness in urban mobility

Extended abstracts can be submitted at: <https://easychair.org/my/conference?conf=wsm20190> on or before August 25th, 2019. The technical program committee shall review the extended abstract and selected abstracts shall be notified by September 15th, 2019. Authors of the selected extended abstracts can submit their final papers (not exceeding 6 pages) by Oct 31st, 2019.

We look forward to receiving your submissions.

Sreenivas Gollapudi, Google

Gitakrishnan Ramadurai, IIT Madras