Research outputs:

**Multi-Output Gaussian Processes for Crowdsourced Traffic Data Imputation**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Multi-output bus travel time prediction with convolutional LSTM neural network**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Combining time-series and textual data for taxi demand prediction in event areas: a deep learning approach**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Deep Learning from Crowds**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

**Heteroscedastic Gaussian processes for uncertainty modeling in large-scale crowdsourced traffic data**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**Real-Time Taxi Demand Prediction using data from the web**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

**A Bayesian Additive Model for Understanding Public Transport Usage in Special Events**
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

**Demand pattern analysis of taxi trip data for anomalies detection and explanation**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

**Event characteristics that disrupt transport system’s balance**
Research output: Contribution to conference › Paper – Annual report year: 2018 › Research › peer-review

**Learning Supervised Topic Models for Classification and Regression from Crowds**
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

**Use of Taxi-Trip Data in Analysis of Demand Patterns for Detection and Explanation of Anomalies**
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review
Using internet search queries to predict human mobility in social events
Research output: Chapter in Book/Report/Conference proceeding – Article in proceedings – Annual report year: 2016
Research › peer-review

Activities:

6th AAAI Conference on Human Computation and Crowdsourcing (HCOMP 2018) (Event)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Deep Learning from Crowds
Activity: Talks and presentations › Conference presentations

Predicting for the adaptive transport system and other necessary ingredients for resilient urban mobility
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

31st Conference on Neural Information Processing Systems
Activity: Attending an event › Participating in or organising a conference

30th Annual Conference on Neural Information Processing Systems
Activity: Attending an event › Participating in or organising a conference

Machine Learning for Transportation
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities