Learning Supervised Topic Models for Classification and Regression from Crowds
Publication: Research - peer-review › Journal article – Annual report year: 2017

Probabilistic Modeling and Visualization for Bankruptcy Prediction
Publication: Research - peer-review › Journal article – Annual report year: 2017

Use of Taxi-Trip Data in Analysis of Demand Patterns for Detection and Explanation of Anomalies
Publication: Research - peer-review › Journal article – Annual report year: 2017

Mapping Social Media for Transportation Studies
Publication: Research - peer-review › Journal article – Annual report year: 2016

Uncertainty in Bus Arrival Time Predictions: Treating Heteroscedasticity With a Metamodel Approach
Publication: Research - peer-review › Journal article – Annual report year: 2016

Using internet search queries to predict human mobility in social events
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

DynaMIT2.0: architecture design and preliminary results on real-time data fusion for traffic prediction and crisis management
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Intelligent Transport Systems in the Smart City
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Projects:

Autonomous Bus Demand Modeling from Big Data
Project: PhD

Traffic controlled by Air Quality - Organic City
Project

Multi-model bus Arrival Predictinwith Intelligent Handling of Uncertainties
Project: PhD

ATIS and modal shift: the role and the effectiveness of information provision and perception
Project: PhD

Machine Learning and Mobility
Project: PhD

Intelligent Composition of Buffer Times in Railway Scheduling
Project: PhD

Activities:

Projects for Mobility in the Smart City
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.