Invited Lightening Talks in DIT 2019

(Last Update: July 28, 2019)

#	Title	Authors
1	Short and Long-term Pattern Discovery Over Large-Scale Geo-Spatiotemporal Data	Sobhan Moosavi (The Ohio State University); Mohammad Hossein Samavatian (The Ohio State University); Arnab Nandi (The Ohio State University); Srinivasan Parthasarathy (The Ohio State University); Rajiv Ramnath (The Ohio State University)
2	Origin-Destination Matrix Prediction via Graph Convolution: A New Perspective of Passenger Demand Modeling	Yuandong Wang (Beihang University);Hongzhi Yin (The University of Queensland);Hongxu Chen (The University of Queensland);Tianyu Wo (Beihang University);Jie Xu (University of Leeds);Kai Zheng (University of Electronic Science and Technology);
3	A Deep Value-network Based Approach for Multi-Driver Order Dispatching	Xiaocheng Tang (Didi Chuxing), Zhiwei Qin (Didi Chuxing), Fan Zhang, Zhaodong Wang, Zhe Xu (Didi Chuxing), Yintai Ma, Hongtu Zhu and Jieping Ye (Didi Chuxing)
4	Co-Prediction of Multiple Transportation Demands Based on Deep Spatio-Temporal Neural Network	Junchen Ye (SKLSDE Lab and BDBC Beihang University);Leilei Sun (SKLSDE Lab and BDBC Beihang University);Bowen Du (SKLSDE Lab and BDBC Beihang University);Yanjie Fu (Missouri University of Science and Technology);Xinran Tong (SKLSDE Lab and BDBC Beihang University);Hui Xiong (Rutgers Business School Rutgers University);
5	Empowering A* Search Algorithms with Neural Networks for Personalized Route Recommendation	Jingyuan Wang (Beihang University);Ning Wu (Beihang University);Xin Zhao (Renmin University of China);Fanzhang Peng (Beihang University);Xin Lin (Beihang University);
6	Time Critic Policy Gradient Methods for Traffic Signal Control in Complex and Congested Scenarios	Stefano Giovanni Rizzo (Qatar Computing Research Institute);Giovanna Vantini (Qatar Computing Research Institute);Sanjay Chawla (Qatar Computing Research Institute);
7	PressLight: Learning Max Pressure Control to Coordinate Traffic Signals in Arterial Network	Hua Wei (Penn State); Chacha Chen (Shanghai Jiao Tong Univerisity), Guanjie Zheng (Penn State); Kan Wu (Pennsylvania State University); Vikash Gayah (Penn State); Kai Xu (Shanghai Tianrang Intelligent Technology Co., Ltd), Zhenhui Li (Penn State)

8	Unifying Inter-region Autocorrelation and Intra-region Structures for Spatial Embedding via Collective Adversarial Learning	Yunchao Zhang (Missouri University of Science and Technology);Pengyang Wang (Missouri University of Science and Technology);Xiaolin Li (Nanjing University);Yu Zheng (JD);Yanjie Fu (Missouri University of Science and Technology);
9	Urban Traffic Prediction from Spatio-Temporal Data using Deep Meta Learning	Zheyi Pan (Shanghai Jiao Tong University);Yuxuan Liang (National University of Singapore);Weifeng Wang (Shanghai Jiao Tong University);Yong Yu (Shanghai Jiao Tong University);Yu Zheng (JD);Junbo Zhang (JD);
10	UrbanFM: Inferring Fine-Grained Urban Flows	Yuxuan Liang (National University of Singapore); Kun Ouyang (National University of Singapore); Lin Jing (Xidian University); Sijie Ruan (Xidian University); Ye Liu (National University of Singapore); Junbo Zhang (JD); David Rosenblum (National University of Singapore); Yu Zheng (JD)