15:15 #269. Assessing the Relationship between Transportation Diversity and Road Network Congestion Using Participatory-Sensing Data
Armin Rahimi-Golkhandan, Farnaz Khaghani, Michael Garvin and Farrokh Jazizadeh

15:30 #168. Development of Low-Cost Diagnostic System for Road Markings by using In-Vehicle Camera
Takumi Asada, Shuichi Kameyama and Shinichiro Kawabata

15:45 #449. Accelerated Disaster Reconnaissance Using Automatic Traffic Sign Detection with UAV and AI
Yichang Tsai and Cheng Chieh Wei

16:00 #163. Enhancing Sustainability of Rail Transit System by Applying Multi-agent System
Yida Guo, Cheng Zhang and Shaofeng Lu

16:15 #197. Heterogeneous Network Flow Model for Optimized Restoration Planning of Interdependent Infrastructure System-of-Systems
Sudipta Chowdhury and Jin Zhu

16:30 #359. Physics-driven based resilience analysis of interdependent civil infrastructure systems – A case study in Hong Kong
Yifan Yang, S. Thomas Ng, Shenghua Zhou, J Frank Xu and Hongyang Li

16:45 #105. Application of Unsupervised Machine Learning to Increase Safety and Mobility on Roadways after Snowstorms
Pouya Gholizadeh, Curtis Walker, Mark Anderson and Behzad Esmaeili