__Session 2E. Intelligent and Sustainable Transportation safety, Health monitoring, and Condition Assessment 1__
__Moderator: Javier Irizarry (Georgia Institute of Technology)__

13:00 #123. Spatiotemporal Scan Statistics for the Identification of Density-Based Clusters of Pipe Failure Events in Drinking Water Distribution Systems
Ahmed Abokifa and Lina Sela

13:15 #27. Investigation of the Influence of Twitter User Habits on Sentiment of Their Opinions Towards Transportation Services
Bing Qi and Aaron Costin

13:30 #161. Risk Identification and Assessment Methodology for Restoration Work of Unmanned Vehicle at Disaster Scene
Byeol Kim, Joo-Sung Lee, Jun Ueda, Yong K Cho, Chang-Soo Han and Yong-Han Ahn

13:45 #277. Simulations for predicting the impacts of autonomous and connected vehicles on the transportation system: a review
Heung Jin Oh

14:00 #115. Streaming sensor data validation in networked infrastructure systems through synergic auto and cross similarity discovery and analysis
Lu Xing, Amin Rasekh, M. Ehsan Shafiee, Lina Sela and Ami Preis

14:15 #289. UAS-based Airport Maintenance Inspections: Lessons Learned from Pilot Study Implementation
Sungjin Kim, Daniel Paes, Kyuman Lee, Javier Irizarry and Eric Johnson

14:30 #122. Optimization and Decision Making for Route Selection as an Alternative of Google Maps Considering Sustainability
Roya Amouhadi, Victor Veliz, Vahid Balali and Mehrdad Aliasgari

14:45 #330. Data-Driven Dynamic Service Area Analysis: A Case Study with Taxi GPS data in Seoul, South Korea
Sung Bum Yun, Sungha Ju, Hyoungjoon Lim, Sangyoon Park and Joon Heo