Annual Meeting Event Detail Return to Program

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Session 234

Behavior, Modeling, and Analysis of Disrupted Networks

Monday, January 13, 2014 8:00AM - 9:45AM Hilton, Lincoln East

Lectern Session | Practice Ready Papers

Hot Topic: Extreme Weather Events, Planning and Forecasting, Security and Emergencies

Joseph Y. J. Chow, Ryerson University, Canada, presiding

Sponsored By:

Transportation Network Modeling (ADB30)

No description available

No agenda available

Abstracts: Show

| Title | Presentation Number |
|--|---------------------|
| Dual-Route Distribution Strategy with Supply Chain Disruption Sung Ho Hur, Korea Transportation Institute, South Korea, presenter Dong-Kyu Kim, Seoul National University, South Korea, presenter Seung-Young Kho, Seoul National University, South Korea, presenter Kyung Soo Chon, Seoul National University, South Korea, presenter Chungwon Lee, Seoul National University, South Korea, presenter | 14-3380 |
| Complex Network Method of Evaluating Resilience in Surface Transportation Networks Abigail Osei-Asamoah, University of Connecticut, presenter Nicholas E. Lownes, University of Connecticut, presenter | 14-4426 |
| Reliable Location-Routing Design Under Probabilistic Facility Disruptions Weijun Xie, Georgia Institute of Technology, presenter Yanfeng Ouyang, University of Illinois, Urbana-Champaign, presenter | 14-0270 |
| An Algorithm for determining the path of Maximum Connectivity Reliability on a Network Subject to Random and Correlated Arc Connectivity Failures Ravi Seshadri, Indian Institute of Technology, Madras, presenter Karthik Srinivasan, Indian Institute of Technology, Madras, presenter | 14-3823 |
| Critical State of Multiple Simultaneous Link Disruptions Bhavathrathan Bhattiyil Kuzhiyamkunnath, Indian Institute of Technology, Bombay, presenter Gopal R. Patil, Indian Institute of Technology, Bombay, presenter | 14-4351 |
| A Sample-Based Algorithm to Determine Minimum Robust Cost Path with Correlated Link Travel Times Akkinepally Arun Prakash, Indian Institute of Technology, Madras, presenter Karthik Srinivasan, Indian Institute of Technology, Madras, presenter | 14-2427 |
| Designing a Reliable Intermodal Hub-and-Spoke System for Biofuel Supply Chain Network Mohammad Marufuzzaman, Mississippi State University, presenter Xiaopeng Li, Mississippi State University, presenter Sandra D. Eksioglu, Mississippi State University, presenter Jin Wang, Mississippi State University, presenter | 14-3958 |
| Reliability Model for Facility Location Design Under Imperfect Information lifen yun, Beijing Jiaotong University, presenter Changxu Ji, Beijing Jiaotong University, China, presenter Xiaopeng Li, Mississippi State University, presenter Hongqiang Fan, Beijing Jiaotong University, China, presenter | 14-4267 |
| How Many Runs? Analytical Method for Optimal Scenario Sampling to Estimate the Variance of Travel Time Distributions in Vehicular Traffic Networks | 14-3568** |

Jiwon Kim, Northwestern University, presenter

Hani S. Mahmassani, Northwestern University, presenter

Transportation Research Board

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