IFTI Researchers contributed to the 2013 TRB Conference.

Evaluation of Gate Strategies at Marine Container Terminals
Jeffery Karafa, Tetra Tech, Inc. presenter Mihalis M. Golias, University of Memphis, presenter Maria Boile, Centre for Research and Technology Hellas, Greece, presenter Sotiris Theofanis, Rutgers University, presenter Session: Seeking Solutions to Marine Environmental Challenges Monday, January 14, 2013 8:00AM - 9:45AM Shoreham, Executive Lectern Session

Cost-Stable Truck Scheduling at Cross-Dock Facility with Unknown Truck Arrivals
Dincer Konur, University of Memphis, presenter Mihalis M. Golias, University of Memphis, presenter Session: Current Research in Freight Transportation and Logistics Planning and Operations Monday, January 14, 2013 8:30AM - 10:15AM Shoreham, Blue Room Foyer

Scheduling Container Vessels Under Handling and Arrival Time Uncertainty
Isabel Maria Portal, Florida Atlantic University, presenter Evangelos I. Kaisar, Florida Atlantic University, presenter Mihalis M. Golias, University of Memphis, presenter Stephanie Ivey, University of Memphis, presenter Session: Maritime Infrastructure: Funding, Performance, and Economic Impacts Monday, January 14, 2013 2:00PM - 3:45PM Shoreham, Blue Room Foyer

Mathematical Modeling Approach to Resource Allocation for Railroad-Highway Crossing Safety Upgrades
Dincer Konur, University of Memphis, presenter Mihalis M. Golias, University of Memphis, presenter Brandon Darks, Tennessee Department of Transportation, presenter Session: New Approaches to Improving Safety at Highway-Rail Grade Crossings Tuesday, January 15, 2013 10:15AM - 12:00PM Marriott, Thurgood Marshall West

Truck-to-Door Assignment at Cross-Dock Facility with Controllable Handling Times
Dincer Konur, University of Memphis, presenter Mihalis M. Golias, University of Memphis, presenter Session: Innovations in Intermodal Terminal Design and Operations Tuesday, January 15, 2013 7:30PM - 9:30PM Shoreham, Hampton
Assessment of Introductory Transportation Engineering Course and General Transportation Engineering Curriculum Rod E. Turochy, Auburn University, presenter Jon D. Fricker, Purdue University, presenter H. Gene Hawkins, Texas A&M University, presenter David S. Hurwitz, Oregon State University, presenter Stephanie Ivey, University of Memphis, presenter Michael A. Knodler, University of Massachusetts, Amherst, presenter Rhonda Kae Young, University of Wyoming, presenter Session: Experience with University-Based Workforce Development Programs Tuesday, January 15, 2013 7:30PM - 9:30PM Hilton, Lincoln East

Multiobjective Optimization Model for Transit Fleet Resource Allocation Sabyasachee Mishra, University of Maryland, College Park, presenter Sushant Sharma, Purdue University, presenter Tom V. Mathew, Indian Institute of Technology, Bombay, presenter Snehmay Khasnabis, Wayne State University, presenter Session 279: Optimizing the Performance of Transit Systems Monday, January 14, 2013 10:15AM - 12:00PM Hilton, Jefferson East

Approach to Incorporate Multientity Perspectives in Transportation Infrastructure Investment Decision Making Sabyasachee Mishra, University of Maryland, College Park, presenter Snehmay Khasnabis, Wayne State University, presenter Subrat Kumar Swain, Wayne State University, presenter Session 295: Public-Private Partnership Showcase Monday, January 14, 2013 10:45AM - 12:30PM Hilton, International Center


Predicting Road Accidents and Prioritizing Road Safety Improvement Measures in India Using Adapted Traffic Conflict Techniques Ramesh Buddhharaju, Morgan State University, presenter Manoj K. Jha, Morgan State University, presenter Min-Wook Kang, University of South Alabama, presenter Sabyasachee Mishra, University of Maryland, College Park, presenter Markandeyya Raju Ponnada, MVGR College of Engineering, India, presenter Session 358: Transportation Planning in the Developing Countries, Part 1 (Part 2, Session 359) Monday, January 14, 2013 2:00PM - 3:45PM Hilton, International Center
Preserving an Aging Transit Fleet: Optimal Resource Allocation Perspective Based on Service Life and Constrained Budget Sabyasachee Mishra, University of Maryland, College Park, presenter Sushant Sharma, Purdue University, presenter Snehamay Khasnabis, Wayne State University, presenter Tom V. Mathew, Indian Institute of Technology, Bombay, presenter Session 352: Innovative Approaches and Case Studies in Transit Management and Performance Monday, January 14, 2013 2:00PM - 3:45PM Hilton, International Center

Development of Maryland Statewide Transportation Model and Its Application in Scenario Planning Sabyasachee Mishra, University of Maryland, College Park, presenter Timothy F. Welch, University of Maryland, College Park, presenter Rolf Moeckel, PB Americas, Inc., presenter Subrat Mahapatra, Maryland State Highway Administration, presenter Morteza Tadayon, Maryland State Highway Administration, presenter Session 413: Innovations in Statewide Multimodal Planning Monday, January 14, 2013 4:15PM - 6:00PM Hilton, International Center

Comparison Between Gravity and Destination Choice Models for Trip Distribution in Maryland Sabyasachee Mishra, University of Maryland, College Park, presenter Yanli Wang, Tongji University, China, presenter Xiaoyu Zhu, University of Maryland, College Park, presenter Rolf Moeckel, PB Americas, Inc., presenter Subrat Mahapatra, Maryland State Highway Administration, presenter Session 413: Innovations in Statewide Multimodal Planning Monday, January 14, 2013 4:15PM - 6:00PM Hilton, International Center

Experiment in Mega-Regional Road Pricing Using Advanced Commuter Behavior Analysis Sabyasachee Mishra, University of Maryland, College Park, presenter Timothy F. Welch, University of Maryland, College Park, presenter Arnab Chakraborty, University of Illinois, Urbana-Champaign, presenter Session 418: Recent Research in Mega-Regions Monday, January 14, 2013 4:15PM - 6:00PM Hilton, International Center

Exercising Mega-Region Analysis Framework in Chesapeake Bay Area Tara J. Weidner, Parsons Brinckerhoff, Inc., presenter Fred Ducca, University of Maryland, College Park, presenter Rolf Moeckel, PB Americas, Inc., presenter Sabyasachee Mishra, University of Maryland, College Park, presenter Session 418: Recent Research in Mega-Regions Monday, January 14, 2013 4:15PM - 6:00PM Hilton, International Center
Graph Theoretic Approach for Public Transit Connectivity in Multimodal Transportation Networks Sabyasachee Mishra, University of Maryland, College Park, presenter Timothy F. Welch, University of Maryland, College Park, presenter Manoj K. Jha, Morgan State University, presenter Session 419: Research on Public Transportation Demand Estimation and Network Design Monday, January 14, 2013 4:15PM - 6:00PM Hilton, International Center

Critical Lane Volume-Based Capacity and Level-of-Service Analyses for Diverging Diamond Interchange Avijit Maji, Maryland State Highway Administration, presenter Sabyasachee Mishra, University of Maryland, College Park, presenter Manoj K. Jha, Morgan State University, presenter Session 403: Highway Capacity and Quality of Service for Interrupted Facilities: Intersections and Urban Arterials Monday, January 14, 2013 4:15PM - 6:00PM Marriott, Salon 2


Modeling Emission Policies Through Travel Demand Mechanisms: Analysis of the Best Reduction Strategies Timothy F. Welch, University of Maryland, College Park, presenter Sabyasachee Mishra, University of Maryland, College Park, presenter Session 736: Transportation Demand Forecasting: Latest Research and Applications Wednesday, January 16, 2013 8:30AM - 10:15AM Hilton, International Center

Framework for Modeling and Forecasting Population Age Distribution in Metropolitan Areas at Level of Transportation Analysis Zone Xiaoyu Zhu, University of Maryland, College Park, presenter Sabyasachee Mishra, University of Maryland, College Park, presenter Timothy F. Welch, University of Maryland, College Park, presenter Birat Pandey, Baltimore Metropolitan Council, presenter Charles Baber, Baltimore Metropolitan Council, presenter Session 829: Activity-Based Modeling Thursday, January 17, 2013 8:00AM - 9:45AM Hilton, Lincoln East