This document puts together the 91st Transportation Research Board (TRB) events which will be presented by UTRC Faculty from 16 consortium universities, enlisted below!

City University of New York (CUNY)
Clarkson University (Clarkson)
Columbia University (Columbia)
Cornell University (Cornell)
Hofstra University (Hofstra)
New Jersey Institute of Technology (NJIT)
New York University (NYU)
Polytechnic Institute of NYU (Poly)
Rensselaer Polytechnic Institute (RPI)
Rowan University (Rowan)
Rutgers University (Rutgers)
State University of New York (SUNY)
Stevens Institute of Technology (Stevens)
Syracuse University (SU)
The College of New Jersey (TCNJ)
University of Puerto Rico - Mayagüez (UPRM)

Please note that the events are listed by date and time
Event Number: 135
Event Title: Taxi Research: Priorities, Practices, and Opportunities
Event Date: Jan 22 2012 9:00AM-12:00PM
Event Location: Hilton, Columbia Hall 2
Presiding Officers: Cooper, James - Napier University, United Kingdom
Sponsored By: Accessible Transportation and Mobility (ABE60), Paratransit (AP060)

Presentations:
Societal Role of the Taxi: Developing Taxis in Paratransit, Community Transit, and Demand-Responsive Transit (P12-6769)
Daus, Matt - The City College of New York
Taxi Technologies: Potential for Innovation in Scheduling, Delivery, and Assurance (P12-6770)
King, David - Columbia University

Event Number: 161
Event Title: Use of Simulation to Assess Safety Performance
Event Date: Jan 22 2012 1:30PM-4:30PM
Event Location: Marriott, Washington B2
Sponsored By: Transportation Network Modeling (ADB30), Transportation and Air Quality (ADC20), Freeway Operations (AHB20), Traffic Signal Systems (AHB25), Highway Capacity and Quality of Service (AHB40), Traffic Flow Theory and Characteristics (AHB45), Work Zone Traffic Control (AHB55)

Presentations:
Calibration of Micro-Simulation Models to Account for Safety and Operation Factors for Traffic Conflict Risk Analysis (P12-6821)
Yang, Hong - Rutgers University
Ozbay, Kaan - Rutgers University
175  
**Best Practices in Parking Management and Pricing: Lessons Learned from Recently Implemented U.S. Programs**  
Jan 22 2012 1:30PM- 4:30PM  
Hilton, Columbia Hall 6  
Weinberger, Rachel R. - University of Pennsylvania  
Transportation Demand Management (ABE50)  
Emerging and Innovative Public Transport and Technologies (AP020)  
Congestion Pricing (ABE25)  
Parking Management (ABE50(1))  

**Cruising for Parking: Public Consequences of Private Choices (P12-6255)**  
*King, David - Columbia University*

181  
**Ready for Automated Mobility**  
Jan 22 2012 1:30PM- 4:30PM  
Hilton, Gunston  
Young, Stanley E. - University of Maryland, College Park  
Intelligent Transportation Systems (AHB15)  
Vehicle-Highway Automation (AHB30)  
Emerging and Innovative Public Transport and Technologies (AP020)  
Major Activity Center Circulation Systems (AP040)  

**Hybrid Path to Entry (P12-6237)**  
*Kornhauser, Alain L. - Princeton University*
212
Traffic Operations in Adverse Weather
Jan 23 2012 8:00AM- 9:45AM
Marriott, Thurgood Marshall North
Alfelor, Roemer - Federal Highway Administration
Surface Transportation Weather (AH010)

Modeling Inclement Weather Impact on Freeway Traffic Speed at Macroscopic and Microscopic Levels (12-3340**)
Zhao, Yunjie - State University of New York, Buffalo
Sadek, Adel W. - State University of New York, Buffalo
Fuglewicz, Daniel - State University of New York, Buffalo

245
Traffic Law Enforcement Research
Jan 23 2012 8:30AM- 10:15AM
Marriott, Salon 2
Geraci, Michael N. - National Highway Traffic Safety Administration
Traffic Law Enforcement (ANB40)

Red-Light-Running Behavior at Signalized Intersections in Puerto Rico (12-3095) - D09
Buitrago, Fabiola Esperanza - University of Puerto Rico, Mayaguez
Figueroa Medina, Alberto M. - University of Puerto Rico, Mayaguez

264
Current Topics in Airport Ground Transportation Planning and Terminal Operations
Jan 23 2012 10:15AM- 12:00PM
Shoreham, Congressional
Duncan, Gavin - LeighFisher
Airport Terminals and Ground Access (AV050)

Challenges in Managing Centralized Taxi Dispatching at High-Volume Airports: Case Study of John F. Kennedy International Airport (12-2980**)
Conway, Alison J. - City College of New York
Kamga, Camille - City College of New York
Yazici, M. Anil - Region 2 University Transportation Research Center
Singhal, Abhishek - City College of New York

270
Strategic Asset Management: Linking Ports, Freight Transportation, and the Environment
Jan 23 2012 10:15AM- 12:00PM
Shoreham, Diplomat
Stromberg, Erik - Port Industry Consultant
Ports and Channels (AW010)

Asset Management and Sustainability: Essential Codependency (P12-6398)
Wakeman, Thomas H. - Stevens Institute of Technology
Event Number: 277
Event Title: Commuter Rail: Past, Present, and Future
Event Date: Jan 23 2012 10:15AM- 12:00PM
Event Location: Hilton, Jefferson West
Presiding Officers: Zullig, Walter E. - Transportation Attorney
Sponsored By: Commuter Rail Transportation (AP070)
Presentations:
Formerly Electrified Commuter Railroads (12-1224)
Allen, John G. - Chicago Regional Transportation Authority
Levinson, Herbert S. - Transportation Consultant

Event Number: 279
Event Title: Environmental Justice, Transit, and Mobility
Event Date: Jan 23 2012 10:15AM- 12:00PM
Event Location: Hilton, Columbia Hall 5
Presiding Officers: Sriraj, P. S. - University of Illinois, Chicago
Sponsored By: Environmental Justice in Transportation (ADD50)
Presentations:
Kravetz, Daniel - Rutgers University
Noland, Robert B. - Rutgers University

Event Number: 280
Event Title: Forecasting Failure: Managing Assets Through Better Understanding of Deterioration
Event Date: Jan 23 2012 10:15AM- 12:00PM
Event Location: Hilton, Lincoln East
Presiding Officers: Robert, William E. - Spy Pond Partners
Sponsored By: Transportation Asset Management (ABC40)
Pavement Management Systems (AFD10)
Maintenance and Operations Management (AHD10)
Presentations:
Culvert Asset Management Practices and Developing a Deterioration Model for Metal Culverts (12-0692)
Salem, O Sam - Syracuse University
Salman, Baris - Syracuse University
Najaﬁ, Mohammad - University of Texas, Arlington

Event Number: 286
Event Title: Bicycling Infrastructure and Safety
Event Date: Jan 23 2012 10:45AM- 12:30PM
Event Location: Marriott, Salon 2
Presiding Officers: Thomas, Libby - University of North Carolina, Chapel Hill
Sponsored By: Bicycle Transportation (ANF20)
Presentations:
Evaluation Of The Rectangular Rapid Flash Beacon At A Pinellas Trail Crossing In St. Petersburg, Florida (12-1637**) - D11
Hunter, William Wesley - University of North Carolina, Chapel Hill
Srinivasan, Raghavan - University of North Carolina, Chapel Hill
Martell, Carol - University of North Carolina, Chapel Hill
295
Current Research in Freight Transportation and Logistics Planning and Operations
Jan 23 2012 10:45AM-12:30PM
Shoreham, Blue Room Foyer
Wygonik, Erica - University of Washington
Yin, Kai - Texas A&M University System
Freight Transportation Planning and Logistics (AT015)

Comprehensive Freight Demand Data Collection Framework for Large Urban Areas
(12-0529) - 04
  Holguin-Veras, Jose - Rensselaer Polytechnic Institute
  Jaller Martelo, Miguel - Rensselaer Polytechnic Institute

Comparison Between Industrial Classification Systems in Freight Trip Generation
Modeling (12-3825) - 05
  Campbell, Shama - Rensselaer Polytechnic Institute
  Jaller Martelo, Miguel - Rensselaer Polytechnic Institute
  Sanchez-Diaz, Ivan - Rensselaer Polytechnic Institute
  Holguin-Veras, Jose - Rensselaer Polytechnic Institute
  Lawson, Catherine Theresa - State University of New York, Albany

Development of National Freight Demand Model with Limited Data and Resources
(12-4094) - 06
  Cantillo, Victor Manuel - Universidad del Norte, Colombia
  Jaller, Miguel Angel - Rensselaer Polytechnic Institute
  Holguin-Veras, Jose - Rensselaer Polytechnic Institute

Behavioral Analysis of Commercial Vehicle Mode Choice Decisions in Urban Areas (12-2509) - 22
  Wang, Qian - State University of New York, Buffalo
  Hu, Jinge - State University of New York, Buffalo

296
Community Impact Assessment: Highlighted Approaches in Delivering Projects and Offering Community Solutions
Jan 23 2012 10:45AM-12:30PM
Hilton, International Center
Steedly, Ann - Planning Communities, LLC
Social and Economic Factors of Transportation (ADD20)

Commuter Rail: Bringing Economic Benefit to Disadvantaged Populations
(P12-5804) - G01
  Liu, Rongfang - New Jersey Institute of Technology
  Hao, Wei - New Jersey Institute of Technology

297
Congestion Pricing, Parking Pricing, and Managed Lanes
Jan 23 2012 10:45AM-12:30PM
Hilton, International Center
Samdahl, Donald R. - Fehr & Peers
Transportation Demand Management (ABE50)
High-Occupancy Vehicle, High-Occupancy Toll, and Managed Lanes (AHB35)
Congestion Pricing (ABE25)

Slow Down, You Move Too Fast: Use of Tolls by Taxicabs in New York City
(12-2101) - J02
  King, David - Columbia University
  Peters, Jonathan Richard - City University of New York, Staten Island

Politics of Urban Congestion Pricing: Cautionary Tales from New York City
(12-0443) - J06
  Gordon, Cameron Elliott - University of Canberra, Australia
  Flanagan, Richard - City University of New York, Staten Island
Residents’ Willingness to Pay for Parking Permits in New York City (12-4393) - D04

McDonnell, Simon Thomas - New York University
Guo, Zhan - New York University

Regulating Curb Space: Developing a Framework to Understand and Improve Curb-side Management (12-2501) - C04

Zalewski, Andrew James - Foursquare Integrated Transportation Planning
Buckley, Stephen M. - City of Philadelphia
Weinberger, Rachel R. - University of Pennsylvania

Just Who Should Pay for What? Vertical Equity, Transit Subsidy, and Road Pricing - Case of New York City (12-3320) - J04

Peters, Jonathan Richard - City University of New York, Staten Island
Kramer, Jonathan K. - Kutztown University

Case Study-Based Evaluation of Stochastic Multicommodity Emergency Inventory Management Model (12-4009)

Ozguven, Eren Erman - Rutgers University
Ozbay, Kaan - Rutgers University

Backcalculation of Pavement Layer Moduli Subcommittee, AFD80(1)

Irwin, Lynne H. - Cornell University
Strength and Deformation Characteristics of Pavement Sections (AFD80)
| Event Number: | 336 |
| Event Title: | Parking: Getting the Supply Right |
| Event Date: | Jan 23 2012 1:30PM- 3:15PM |
| Event Location: | Hilton, Columbia Hall 7 |
| Presiding Officers: | Weinberger, Rachel R. - University of Pennsylvania |
| Sponsored By: | Transportation Demand Management (ABE50) |
| | **Price Elasticity of On-street Parking Demand: Case Study from Seattle, Washington (12-4553)**<br>Ottosson, Dadi Baldur - University of Washington<br>Lin, Haiyun - City College of New York<br>Chen, Cynthia - University of Washington |

| Event Number: | 341 |
| Event Title: | Active Freeway Traffic Management and Freeway Operations |
| Event Date: | Jan 23 2012 2:00PM- 3:45PM |
| Event Location: | Marriott, Salon 2 |
| Presiding Officers: | Petty, Karl - Berkeley Transportation Systems |
| Sponsored By: | Freeway Operations (AHB20) |
| Presentations: | **Comparative Evaluation of Probe-Based Travel Time Prediction Techniques Under Varying Traffic Conditions (12-3677) - B04**<br>Yildirimoglu, Mehmet - Rutgers University<br>Ozbek, Kaan - Rutgers University |

| Event Number: | 342 |
| Event Title: | Advances in Traffic Control Devices |
| Event Date: | Jan 23 2012 2:00PM- 3:45PM |
| Event Location: | Marriott, Salon 2 |
| Presiding Officers: | Noyce, David A. - University of Wisconsin, Madison |
| Sponsored By: | Traffic Control Devices (AHB50) |
| Presentations: | **Evaluation of Two Treatments for Reducing Crashes Related to Traffic Signal Change Intervals (12-4067) - A17**<br>Persaud, Bhagwant - Ryerson University, Canada<br>Gross, Frank - Vanasse Hangen Brustlin, Inc.<br>Srinivasan, Raghavan - University of North Carolina, Chapel Hill |

| Event Number: | 349 |
| Event Title: | Emerging Methods and Developments in Travel Surveys |
| Event Date: | Jan 23 2012 2:00PM- 3:45PM |
| Event Location: | Hilton, International Center |
| Presiding Officers: | Rousseau, Guy - Atlanta Regional Commission |
| Sponsored By: | Travel Survey Methods (ABJ40) |
| Presentations: | **Are Cell Phone Samples Needed for Studies of Walking Activity? (12-0265) - F01**<br>Lachapelle, Ugo - Universite du Quebec, Canada<br>Weiner, Marc - Rutgers University<br>Noland, Robert B. - Rutgers University |
350
Accessible Transportation and Mobility: Research and Practice
Jan 23 2012 2:00PM-3:45PM
Hilton, International Center
Thatcher, Russell H. - TranSystems Corporation
Accessible Transportation and Mobility (ABE60)

Handicapped Accessibility in New York Rail Transit: Comparison of Railroad Stops in Urban and Suburban Areas (12-2939) - K05
Santiago, Nora - City University of New York, Staten Island
Bajrani, Bukurije - City University of New York, Staten Island
Kazui, Afrona - City University of New York, Staten Island
Gordon, Cameron Elliott - University of Canberra, Australia

365
Evaluation and Repair of Concrete Bridge Deterioration
Jan 23 2012 3:45PM-5:30PM
Marriott, Maryland B
Ghorbanpoor, Al - University of Wisconsin, Milwaukee
Structures Maintenance (AHD30)
Polymer Concretes, Adhesives, and Sealers (AHD40)

Impact of Testing Configuration and Data Analysis Approach on Detection of Delamination in Concrete Bridge Decks with Ultrasonic Methods (12-4083)
Azari, Hoda - University of Texas, El Paso
Yuan, Deren - University of Texas, El Paso
Nazarian, Soheil - University of Texas, El Paso
Gucunski, Nenad - Rutgers University

386
Emerging Topics in Air Quality and Greenhouse Gas Emissions from Nonhighway Vehicles
Jan 23 2012 3:45PM-5:30PM
Hilton, Georgetown East
Gao, H. Oliver - Cornell University
Transportation and Air Quality (ADC20)

395
Working Together: Multiplying Efficiency by Modal Efficacy, Part 2 (Part 1, Session 340)
Jan 23 2012 3:45PM-5:30PM
Hilton, International West
Liu, Rongfang - New Jersey Institute of Technology
Major Activity Center Circulation Systems (AP040)
Bus Transit Systems (AP050)
Commuter Rail Transportation (AP070)
Light Rail Transit (AP075)
Intercity Passenger Rail (AR010)
**Event Number:** 404  
**Event Title:** Work Zone Analysis Tools  
**Event Date:** Jan 23 2012 4:15PM- 6:00PM  
**Event Location:** Marriott, Salon 2  
**Presiding Officers:** Ullman, Gerald L. - Texas Transportation Institute  
**Sponsored By:** Work Zone Traffic Control (AHB55)  
**Presentations:**  
**GIS-Based Interactive Lane Closure and Traffic Information Tool (12-3721) - A12**  
Bartin, Bekir - Rutgers University  
Ozbay, Kaan - Rutgers University  
Mudigonda, Sandeep - Rutgers University

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**Event Number:** 406  
**Event Title:** Advances in the State of the Art for Bridges  
**Event Date:** Jan 23 2012 4:15PM- 6:00PM  
**Event Location:** Shoreham, Blue Room Foyer  
**Presiding Officers:** Larson, Sandra Q - Iowa Department of Transportation  
**Sponsored By:** General Structures (AFF10)  
**Presentations:**  
**Effect of Substructure Stiffness on Performance of Steel Integral Abutment Bridges Under Thermal Loads (12-3859) - 04**  
Albhaisi, Suhail - Rutgers University  
Nassif, Hani - Rutgers University  
Hwang, Eui-Seung - Kyung Hee University, South Korea

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**Event Number:** 408  
**Event Title:** Field Testing and Nondestructive Testing of Bridges  
**Event Date:** Jan 23 2012 4:15PM- 6:00PM  
**Event Location:** Shoreham, Blue Room Foyer  
**Presiding Officers:** Washer, Glenn - University of Missouri, Columbia  
**Sponsored By:** Field Testing and Nondestructive Evaluation (NDE) of Transportation Structures (AFF40)  
**Presentations:**  
**Advanced Signal Interpretation Algorithm for Automated Impact Echo Testing System: Application to Concrete Bridge Decks (12-3987) - 11**  
Kee, Seong-Hoon - Rutgers University  
Fetrat, Farhad A. - Rutgers University  
Gucunski, Nenad - Rutgers University

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**Event Number:** 421  
**Event Title:** Public Involvement in Transportation  
**Event Date:** Jan 23 2012 4:15PM- 6:00PM  
**Event Location:** Hilton, International Center  
**Presiding Officers:** Kresich, Dianne - Arizona Department of Transportation  
**Sponsored By:** Public Involvement in Transportation (ADA60)  
**Presentations:**  
**Becoming Part of the Process: Public Participation in Immigrant Communities (12-4063) - H13**  
Klein, Nicholas J. - Rutgers University  
Smart, Michael - University of California, Los Angeles
Event Number: 422
Event Title: Impacts of Transit-Oriented Development and New Insights on Transit Policy and Research
Event Date: Jan 23 2012 4:15PM- 6:00PM
Event Location: Hilton, International Center
Event Location History: Hemily, Brendon - Consultant
Sponsored By: Public Transportation Planning and Development (AP025)

Presentations:
Residential Property Values and New Jersey Transit Village Program (12-0970) - B08

Noland, Robert B. - Rutgers University
DiPetrillo, Stephanie - Rutgers University
Lahr, Michael L. - Rutgers University

Event Number: 424
Event Title: Development of Intelligent Transportation Systems: Methodologies and Practices
Event Date: Jan 23 2012 7:30PM- 9:30PM
Event Location: Marriott, Salon 2

Presentations:
Effects of Open Road Tolling on Safety Performance of Freeway Mainline Toll Plazas (12-3885) - C07

Yang, Hong - Rutgers University
Ozbay, Kaan - Rutgers University
Bartin, Bekir - Rutgers University

Event Number: 430
Event Title: Relationship Between Walking and Design
Event Date: Jan 23 2012 7:30PM- 9:30PM
Event Location: Marriott, Thurgood Marshall East
Event Location History: Cynecki, Michael J. - Lee Engineering, LLC
Sponsored By: Pedestrians (ANF10)

Presentations:
More Than Just Exercise: Walking in Today’s Cities (12-0677)

Mondschein, Andrew - New York University Wagner Rudin Center

Event Number: 431
Event Title: Research All About Roundabouts
Event Date: Jan 23 2012 7:30PM- 9:30PM
Event Location: Marriott, Salon 2
Event Location History: Walsh, Brian J. - Washington State Department of Transportation
Sponsored By: Roundabouts (ANB75T)

Presentations:
Evaluation of Sight Distance and Crash Frequency at Roundabouts in the United States (12-2412) - E04

Angelastro, Michael - Remington & Vernick Engineers
McFadden, John - Federal Highway Administration
Mehta, Yusuf A. - Rowan University
Use of Feature Selection and Variable Ranking in Classification and Regression Tree Evacuee Decision Model (12-0586) - E05

Yazici, M. Anil - Region 2 University Transportation Research Center
Demirolok, Sami - Rutgers University
Ozbay, Kaan - Rutgers University
Carnegie, Jon - Rutgers University
432
Research for the Sake of Safety
Jan 23 2012 7:30PM- 9:30PM
Marriott, Virginia A
Monsere, Christopher M. - Portland State University
Safety Data, Analysis and Evaluation (ANB20)

The Value of Research About Safety Effect of Actions (12-1099)
Hauer, Ezra - University of Toronto, Canada
Bonneson, James A. - Texas Transportation Institute
Council, Forrest M. - University of North Carolina, Chapel Hill
Srinivasan, Raghavan - University of North Carolina, Chapel Hill
Bahar, Geni Braffman - NAVIGATS Inc.

445
Critical Roles of Automated Guideway Transit in Multimodal Systems
Jan 23 2012 7:30PM- 9:30PM
Hilton, Jefferson West
Liu, Rongfang - New Jersey Institute of Technology
Major Activity Center Circulation Systems (AP040)

453
Traffic Assignment and Network Equilibrium Models
Jan 23 2012 7:30PM- 9:30PM
Hilton, Jefferson West
Mahut, Michael - INRO Consultants Inc., Canada
Transportation Network Modeling (ADB30)

Convergence of Time Discretization Schemes for Continuous-Time Dynamic Network Loading Models (12-2861)
Ma, Rui - Rensselaer Polytechnic Institute
Ban, Xuegang (Jeff) - Rensselaer Polytechnic Institute
Pang, Jong-Shi - University of Illinois, Urbana-Champaign
Liu, Henry X. - University of Minnesota, Twin Cities

Continuous-Time Dynamic User Equilibria, I: Point-Queue Models for Dynamic Network Loading (12-2882)
Ban, Xuegang (Jeff) - Rensselaer Polytechnic Institute
Pang, Jong-Shi - University of Illinois, Urbana-Champaign
Liu, Henry X. - University of Minnesota, Twin Cities
Ma, Rui - Rensselaer Polytechnic Institute

Boundedly Rational User Equilibria: Mathematical Formulation and Solution Sets (12-4230)
Di, Xuan - University of Minnesota, Twin Cities
Liu, Henry X. - University of Minnesota, Twin Cities
Pang, Jong-Shi - University of Illinois, Urbana-Champaign
Ban, Xuegang (Jeff) - Rensselaer Polytechnic Institute

Urban Transportation Data and Information Systems Committee
Jan 23 2012 7:30PM- 9:30PM
Hilton, Cabinet
Lawson, Catherine Theresa - State University of New York, Albany
Urban Transportation Data and Information Systems (ABJ30)
467
Jan 24 2012 8:00AM- 9:45AM
Shoreham, Blue Room
Wakeman, Thomas H. - Stevens Institute of Technology
Freight Systems (AT000)
Marine (AW000)
Marine Environment (AW030)

474
Modeling Theories and Practices in Freight Planning and Logistics, Part 1 (Part 2, Session 518)
Jan 24 2012 8:00AM- 9:45AM
Shoreham, Executive
Wang, Bruce (Xiubin) - Texas A&M University
Freight Transportation Planning and Logistics (AT015)
Estimation of Freight Trip Generation Based on Land Use (12-2705)
Lawson, Catherine Theresa - State University of New York, Albany
Holguin-Veras, Jose - Rensselaer Polytechnic Institute
Sanchez-Diaz, Ivan - Rensselaer Polytechnic Institute
Jaller, Miguel Angel - Rensselaer Polytechnic Institute
Campbell, Shama - Rensselaer Polytechnic Institute
Powers, Erica - State University of New York, Albany

477
Rethinking Paratransit
Jan 24 2012 8:00AM- 9:45AM
Hilton, Georgetown West
Colbert, Lisa - Federal Transit Administration
Paratransit (AP060)
Taxicabs for Improved Urban Mobility: Are We Missing an Opportunity? (12-2097)
King, David - Columbia University
Peters, Jonathan Richard - City University of New York, Staten Island
Daus, Matthew - The City College of New York

Parking Management Joint Subcommittee of ABE50, ABE20, ABE25, AP020
Jan 24 2012 8:00AM- 9:45AM
Hilton, Morgan
Weinberger, Rachel R. - University of Pennsylvania
Transportation Demand Management (ABE50)
Parking Management (ABE50(1))
<table>
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<tr>
<th>Event Number: 488</th>
<th>Event Title: Advances in Winter Maintenance Equipment</th>
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<td>Event Location: Marriott, Salon 2</td>
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<tr>
<td>Presiding Officers: Bergner, Dave - International Municipal Signal Association</td>
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<td>Sponsored By: Winter Maintenance (AHD65)</td>
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**Development of a Snow Plowing Model (12-2121) - D02**
*Meegoda, Jay N. - New Jersey Institute of Technology*
*Gao, Shengyan - New Jersey Institute of Technology*

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<tr>
<th>Event Number: 491</th>
<th>Event Title: Performance and Evaluation of Traffic Signal Systems</th>
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<td>Presiding Officers: Zlatkovic, Milan - University of Utah</td>
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<td>Sponsored By: Traffic Signal Systems (AHB25)</td>
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**Vehicle Index Inference Based on Bayesian Network for Signalized Intersections Using Sample Travel Times (12-3749) - B16**
*Hao, Peng - Rensselaer Polytechnic Institute*
*Guo, Dong - Rensselaer Polytechnic Institute*
*Ban, Xuegang (Jeff) - Rensselaer Polytechnic Institute*
*Ji, Qiang - Rensselaer Polytechnic Institute*
*Sun, Zhanbo - Rensselaer Polytechnic Institute*

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<tr>
<th>Event Number: 508</th>
<th>Event Title: Highway Maintenance Management, Programming, and Contracting Practices</th>
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<td>Event Location: Marriott, Maryland B</td>
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<tr>
<td>Presiding Officers: Burlarley-Hyland, Amy Elaine - DBi Services LLC</td>
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<td>Sponsored By: Maintenance and Operations Management (AHD10)</td>
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**Implementation of a Drainage Identification, Analysis and Mapping System (12-1605)**
*Meegoda, Jay N. - New Jersey Institute of Technology*

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<th>Event Number: 514</th>
<th>Event Title: Accelerated Pavement Testing, Part 2 (Part 1, Session 468)</th>
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<td>Event Date: Jan 24 2012 10:15AM- 12:00PM</td>
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<td>Event Location: Shoreham, Palladian</td>
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<tr>
<td>Presiding Officers: Elseifi, Mostafa A. - Louisiana State University</td>
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<td>Sponsored By: Full-Scale Accelerated Pavement Testing (AFD40)</td>
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**Impact of Environmentally Friendly Wide-Base Tires on Pavements: Results from Accelerated Pavement Testing and Advanced Modeling Analysis (12-0727**)**
*Al-Qadi, Imad L. - University of Illinois, Urbana-Champaign*
*Wang, Hao - Rutgers University*

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<tr>
<th>Event Number: 525</th>
<th>Event Title: Design of Access to Transfer Stations</th>
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<td>Event Location: Hilton, Columbia Hall 5</td>
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<td>Presiding Officers: Burgwyn, Theodore J. - MTA New York City Transit</td>
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<td>Sponsored By: Intermodal Transfer Facilities (AP045)</td>
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**Park-and-Ride Facilities in New York City: Economic Analyses of Alternative Locations (12-2441)**
*Holguin-Veras, Jose - Rensselaer Polytechnic Institute*
*Reilly, Jack - Rensselaer Polytechnic Institute*
*Aros-Vera, Felipe - Rensselaer Polytechnic Institute*
*Yushimito, Wilfredo Fernando - Universidad Adolfo Ibanez, Chile*
*Isa, Jhael - Rensselaer Polytechnic Institute*
**Event Number:** 535  
**Event Title:** Optimizing Signal Timing  
**Event Date:** Jan 24 2012 10:45AM- 12:30PM  
**Event Location:** Marriott, Salon 2  
**Presiding Officers:** So, Jaehyun - University of Virginia  
**Sponsored By:** Traffic Signal Systems (AHB25)  

**Presentations:**  
- Abdul Aziz, Husain M. - Purdue University  
- Ukkusuri, Satish V. - Purdue University  
Fair, Real-Time Control of a Traffic Signal (12-1688) - E10  
- Li, Hui - Tongji University, China  
- Maxemchuk, Nicholas Frank - Columbia University  
- Gu, Yitian - Columbia University  
- Zhang, Guoxia - Tongji University, China  
Left-Turn Phase: Permissive, Protected, or Both? (12-3252) - E14  
- Chen, Li - City College of New York  
- Chen, Cynthia - University of Washington  
- Ewing, Reid - University of Utah  

**Event Number:** 538  
**Event Title:** Pavement Surface Characteristics: Comfort, Safety, and the Environment  
**Event Date:** Jan 24 2012 10:45AM- 12:30PM  
**Event Location:** Shoreham, Blue Room Foyer  
**Presiding Officers:** Wang, Hao - Rutgers University  
**Sponsored By:** Transportation-Related Noise and Vibration (ADC40)  
Surface Properties - Vehicle Interaction (AFD90)  
Characteristics of Asphalt-Aggregate Combinations to Meet Surface Requirements (AFK40)  
Pavement Maintenance (AHD20)  

**Presentations:**  
Bike Lanes and Other Determinants of Capital Bikeshare Trips (12-3539) - K05  
- Buck, Darren - Virginia Polytechnic Institute and State University  
- Buehler, Ralph - Virginia Polytechnic Institute and State University  

**Event Number:** 540  
**Event Title:** Research on Bike Sharing  
**Event Date:** Jan 24 2012 10:45AM- 12:30PM  
**Event Location:** Hilton, International Center  
**Presiding Officers:** Lee, Brian H. Y. - University of Vermont  
**Sponsored By:** Bicycle Transportation (ANF20)  

**Presentations:**  
Bike Lanes and Other Determinants of Capital Bikeshare Trips (12-3539) - K05  
- Buck, Darren - Virginia Polytechnic Institute and State University  
- Buehler, Ralph - Virginia Polytechnic Institute and State University  

**Event Number:** 541  
**Event Title:** Current Issues in Energy, Climate Change, and Alternative Fuels in Transportation  
**Event Date:** Jan 24 2012 10:45AM- 12:30PM  
**Event Location:** Hilton, International Center  
**Presiding Officers:** Zeimer, Lisa - PB World  
**Sponsored By:** Environment and Energy (ADC00)  
Climate Change (ADC70(2))  
Transportation Energy (ADC70)  
Alternative Transportation Fuels and Technologies (ADC80)  

**Presentations:**  
Life-Cycle Greenhouse Gas Emissions of Materials Used in Road Construction (12-1617) - C03  
- Hanson, Christopher S. - Rutgers University  
- Noland, Robert B. - Rutgers University  
- Cavale, Karthik Rao - Massachusetts Institute of Technology
Presentations:

**561**
New Federal Aviation Administration Requirement: Pavement Classification Number
Jan 24 2012 1:30PM - 3:15PM
Shoreham, Hampton
Gagnon, Jeff - Federal Aviation Administration
Aircraft/Airport Compatibility (AV070)

*Study to Determine Effect of Pavement Damping and Aircraft Speed on Stress-Based Load Transfer Efficiency Using Three-Dimensional Finite Element Analysis (12-0699)*

*Joshi, Akshay - Rowan University*
*Mehta, Yusuf A. - Rowan University*
*Cleary, Douglas - Rowan University*

**552**
Traffic Monitoring and Control Using Mobile, Onboard, and Roadside Sensors
Jan 24 2012 1:30PM - 3:15PM
Marriott, Salon 3
Lin, Wei-Hua - University of Arizona
Intelligent Transportation Systems (AHB15)

*Vehicle Trajectory Reconstruction for Signalized Intersections Using Mobile Traffic Sensors (12-4279)*

*Sun, Zhanbo - Rensselaer Polytechnic Institute*
*Ban, Xuegang (Jeff) - Rensselaer Polytechnic Institute*

**584**
Warm-Mix Asphalt
Jan 24 2012 2:00PM - 3:45PM
Marriott, Salon 2
Haddock, John E. - Purdue University
Characteristics of Nonasphalt Components of Asphalt Paving Mixtures (AFK30)

*Early-Age Performance of Warm Stone Matrix Asphalt (12-0726) - B18*

*Al-Qadi, Imad L. - University of Illinois, Urbana-Champaign*
*Wang, Hao - Rutgers University*
*Baek, Jongeun - Sejong University, South Korea*
*Leng, Zhen - University of Illinois, Urbana-Champaign*
*Doyen, Matt - University of Illinois, Urbana-Champaign*
*Gillen, Steve - Illinois Tollway*
### Event 586: Current Research on Transportation Security and Protection of Critical Infrastructure
- **Event Date:** Jan 24 2012 2:00PM - 3:45PM
- **Event Location:** Shoreham, Blue Room Foyer
- **Sponsored By:** Critical Transportation Infrastructure Protection (ABE40)

#### Presentations:
- **Title:** Disasters in Tohoku, Japan: Preliminary Findings Concerning Postdisaster Humanitarian Logistics Response (12-1162***)
  - **Authors:**
    - Holguin-Veras, Jose - Rensselaer Polytechnic Institute
    - Taniguchi, Eiichi - Kyoto University, Japan
    - Pedroso, Frederico Ferreira Fonseca - Kyoto University, Japan
    - Jaller Martelo, Miguel - Rensselaer Polytechnic Institute
    - Thompson, Russell George - Monash University, Australia

### Event 594: Harnessing New Data Sources: Bluetooth Readers and Probes
- **Event Date:** Jan 24 2012 2:00PM - 3:45PM
- **Event Location:** Hilton, International Center
- **Sponsored By:** Travel Time, Speed and Reliability (ABJ30(3))

#### Presentations:
- **Title:** Comparison of Two Novel Travel Time Estimation Techniques Based on Probe Vehicle Data: Kriging Versus Nonlinear Programming-Based Approaches (12-3632) - F09
  - **Authors:**
    - Yildirimoglu, Mehmet - Rutgers University
    - Ozbay, Kaan - Rutgers University

### Event 600: Taking Urban Data to New Heights: New Sources, New Techniques, and New Applications
- **Event Date:** Jan 24 2012 2:00PM - 3:45PM
- **Event Location:** Hilton, International Center
- **Sponsored By:** Urban Transportation Data and Information Systems (ABJ30)

#### Presentations:
- **Title:** Analysis of Travel Time Reliability in New York City Based on Day-of-Week Time-of-Day Periods (12-3653) - G08
  - **Authors:**
    - Yazici, M. Anil - Region 2 University Transportation Research Center
    - Kamga, Camille - City College of New York
    - Mouskos, Kyriacos C. - City College of New York

### Event 601: Toward Better Understanding of Travel Time and Speed Estimation
- **Event Date:** Jan 24 2012 2:00PM - 3:45PM
- **Event Location:** Hilton, International Center
- **Sponsored By:** Statewide Transportation Data and Information Systems (ABJ20)

#### Presentations:
- **Title:** Analysis of Travel Time Reliability in New York City Based on Day-of-Week Time-of-Day Periods (12-3653) - G08
  - **Authors:**
    - Yazici, M. Anil - Region 2 University Transportation Research Center
    - Kamga, Camille - City College of New York
    - Mouskos, Kyriacos C. - City College of New York

### Event 602: Climate Change and Energy Task Force
- **Event Date:** Jan 24 2012 3:45PM - 5:30PM
- **Event Location:** Hilton, Fairchild
- **Sponsored By:** Climate Change and Energy (A0020T)
637
Jan 24 2012 4:15PM - 6:00PM
Marriott, Salon 2
Daniel, Jo Sias - University of New Hampshire
Strength and Deformation Characteristics of Pavement Sections (AFD80)
Characteristics of Asphalt Paving Mixtures to Meet Structural Requirements (AFK50)

Early-Age Performance Characterization of Evotherm Stone Mastic Asphalt: Laboratory Testing Using Plant-Compacted Specimens and On-site Stiffness Measurement (12-0866) - B17
Al-Qadi, Imad L. - University of Illinois, Urbana-Champaign
Leng, Zhen - University of Illinois, Urbana-Champaign
Baek, Jongeun - Sejong University, South Korea
Wang, Hao - Rutgers University
Doyen, Matt - University of Illinois, Urbana-Champaign
Gillen, Steve - Illinois Tollway

644
Access Management Implementation, Safety, and Analysis
Jan 24 2012 7:30PM - 9:30PM
Marriott, Thurgood Marshall North
Williams, Kristine M. - University of South Florida
Safety Data, Analysis and Evaluation (ANB20)

Development of Left-Turn Lane Warrants for Unsignalized Intersections (12-0182)
Fitzpatrick, Kay - Texas Transportation Institute
Brewer, Marcus A. - Texas Transportation Institute
Eisele, William L. - Texas Transportation Institute
Zhang, Yunlong - Texas A&M University
Gluck, Jerome Steven - AECOM, United Kingdom
Levinson, Herbert S. - Transportation Consultant
Iragavarapu, Vichika - Texas Transportation Institute

648
Highway Safety Performance
Jan 24 2012 7:30PM - 9:30PM
Marriott, Salon 2
Nitzel, John J. - CH2M Hill
Safety Performance of Freeway Operational Parameters (12-4677) - C07
Daniel, Janice R. - New Jersey Institute of Technology

649
Intericity Passenger Rail
Jan 24 2012 7:30PM - 9:30PM
Marriott, Salon 2
Simpson, David P. - David P. Simpson Consultants, LLC
Intericity Passenger Rail (AR010)

Investment Returns for High-Speed Rail in China: Life-Cycle Cost Analysis (12-4055) - A10
Lv, Liu - New Jersey Institute of Technology
Liu, Rongfang - New Jersey Institute of Technology
652
Pedestrian Safety and Operations
Jan 24 2012 7:30PM- 9:30PM
Marriott, Salon 2
Schneider, Robert J. - University of California, Berkeley
Pedestrians (ANF10)

Evaluation of Visual Performance from Pedestrian Crosswalk Lighting (12-3348) - D02
Bullough, John D. - Rensselaer Polytechnic Institute
Rea, Mark S. - Rensselaer Polytechnic Institute
Zhang, Xin - Rensselaer Polytechnic Institute

Relative Effectiveness of Pedestrian Safety Countermeasures at Urban Intersections: Lessons from New York City Experience (12-3237**) - D09
Chen, Li - City College of New York
Chen, Cynthia - University of Washington
Ewing, Reid - University of Utah

Clustering Regression Approach: Comprehensive Injury Severity Analysis of Pedestrian-Vehicle Crashes in New York, United States, and Montreal, Canada (12-3285) - D14
Mohamed, Mohamed Gomaa - Ecole Polytechnique de Montreal, Canada
Saunier, Nicolas - Ecole Polytechnique de Montreal, Canada
Miranda-Moreno, Luis Fernando - McGill University, Canada
Ukkusuri, Satish V. - Purdue University

653
Planning for Pedestrians
Jan 24 2012 7:30PM- 9:30PM
Marriott
Boodlal, Leverson - KLS Engineering
Pedestrians (ANF10)

Inconsistencies in Associations Between Crime and Walking: Reflection of Poverty and Density (12-1747) - E03
Lachapelle, Ugo - Universite du Quebec, Canada
Noland, Robert B. - Rutgers University

664
Trucking Industry Research
Jan 24 2012 7:30PM- 9:30PM
Shoreham, Blue Room Foyer
Belzer, Michael H. - Wayne State University
Trucking Industry Research (AT060)

Analyzing Effects of Road Pricing on Freight Carrier Behaviors with Experimental Economics: Comparison of Peak-Hour Delivery and Off-Hour Delivery (12-4525**) - 17
Soro, Wonmongo - Rensselaer Polytechnic Institute
Wang, Xiaokun (Cara) - Rensselaer Polytechnic Institute
Urban Microconsolidation and Last Mile Goods Delivery by Freight Tricycle in Manhattan: Opportunities and Challenges (12-2682**) - 05

Conway, Alison J. - City College of New York
Fatisson, Pierre-Emmanuel - Ecole Nationale des Travaux Publics de l'Etat, France
Eickemeyer, Penny Ellen - University Transportation Research Center
Cheng, Jialei - City College of New York
Peters, Diniece - City College of New York

Multiple-Model Combined Forecasting Method for Online Prediction of Border Crossing Traffic at Peace Bridge (12-3398)

Lin, Lei - State University of New York, Buffalo
Sadek, Adel W. - State University of New York, Buffalo
Wang, Qian - State University of New York, Buffalo

Why Do States Adopt Laws Enabling Public-Private Partnerships? (12-1693)

Geddes, Rick - Cornell University
Wagner, Benjamin L. - Cornell University
**Event Number:**
**Event Title:**
**Event Date:**
**Event Location:**
**Presiding Officers:**
**Sponsored By:**

Marine Environmental Committee
Jan 25 2012 8:00AM- 9:45AM
Shoreham, Governors
Wakeman, Thomas H. - Stevens Institute of Technology
Marine Environment (AW030)

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**Event Number:**
**Event Title:**
**Event Date:**
**Event Location:**
**Presiding Officers:**
**Sponsored By:**

685
Advanced Freight Forecasting
Jan 25 2012 8:00AM- 9:45AM
Shoreham, Blue Room
Kawamura, Kazuya - University of Illinois, Chicago
Traveler Behavior and Values (ADB10)
Transportation Demand Forecasting (ADB40)
Freight Transportation Planning and Logistics (AT015)
Urban Freight Transportation (AT025)

Presentations:

**Understanding the Reasons for Using Advanced Methods in Freight Forecasting (P12-6321)**

*Holguin-Veras, Jose - Rensselaer Polytechnic Institute*

**Panel Discussion (P12-6832)**

*Outwater, Maren L. - Resource Systems Group, Inc.*

*Holguin-Veras, Jose - Rensselaer Polytechnic Institute*

*Roorda, Matthew J. - University of Toronto, Canada*

*Fischer, Michael J. - Cambridge Systematics, Inc.*

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**Event Number:**
**Event Title:**
**Event Date:**
**Event Location:**
**Presiding Officers:**
**Sponsored By:**

691
Transportation Cybersecurity: How Secure Are Your Car, Plane, and Other Transportation Systems?
Jan 25 2012 8:00AM- 9:45AM
Shoreham, Congressional
Dining, Michael G. - Volpe National Transportation Systems Center
Critical Transportation Infrastructure Protection (ABE40)
Information Systems and Technology (ABJ50)
Intelligent Transportation Systems (AHB15)
Aviation Security and Emergency Management (AV090)

Presentations:

**Transforming Transportation Through Information Technology: Opportunities and Vulnerabilities (P12-5410)**

*Zimmerman, Rae - New York University*

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**Event Number:**
**Event Title:**
**Event Date:**
**Event Location:**
**Presiding Officers:**
**Sponsored By:**

692
Attitudes and Determinants of Cycling
Jan 25 2012 8:00AM- 9:45AM
Hilton, Jefferson West
Buehler, Ralph - Virginia Polytechnic Institute and State University
Bicycle Transportation (ANF20)

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**Event Number:**
**Event Title:**
**Event Date:**
**Event Location:**
**Presiding Officers:**
**Sponsored By:**

702
Sustainability in Transportation, Part 2 (Part 1, Session 484)
Jan 25 2012 8:00AM- 9:45AM
Hilton, Lincoln East
MacArthur, John H - Oregon Transportation Research and Education Consortium
Transportation and Sustainability (ADD40)

Presentations:

**Sustainability in Transportation: Challenges and Opportunities (12-3592)**

*Kamga, Camille - City College of New York*

*Levinson, Herbert S. - Transportation Consultant*

*Yazici, M. Anil - Region 2 University Transportation Research Center*
706  Emergency Evacuation Research Developments  
**Event Title:** Emergency Evacuation Research Developments  
**Event Date:** Jan 25 2012 8:30AM- 10:15AM  
**Event Location:** Marriott, Salon 2  
**Presiding Officers:** Miller-Hooks, Elise - University of Maryland, College Park  
**Sponsored By:** Transportation Safety Management (ANB10)  
**Emergency Evacuation (ANB10(4))**  
**Presentations:**  
**Use of Regional Transportation Planning Tool for Modeling Emergency Evacuation:**  
**Case Study of Northern New Jersey (12-3762) - C05**  
*Ozbay, Kaan - Rutgers University*  
*Yazici, M. Anil - Region 2 University Transportation Research Center*  
*Iyer, Shrisan - Rutgers University*  
*Li, Jian - Rutgers University*  
*Ozguven, Eren Erman - Rutgers University*  
*Carnegie, Jon - Rutgers University*  
---  
708  Statistical Research for Transportation Applications  
**Event Title:** Statistical Research for Transportation Applications  
**Event Date:** Jan 25 2012 8:30AM- 10:15AM  
**Event Location:** Marriott, Salon 2  
**Presiding Officers:** Washington, Simon - Queensland University of Technology, Australia  
**Sponsored By:** Statistical Methods (ABJ80)  
**Presentations:**  
**The Impact of Weight Matrices on Parameter Estimation and Inference: A Case Study of Binary Response Using Land Use Data (12-1814) - D13**  
*Wang, Yiyi - University of Texas, Austin*  
*Kockelman, Kara - University of Texas, Austin*  
*Wang, Xiaokun (Cara) - Rensselaer Polytechnic Institute*  
---  
711  Innovations in Activity and Travel Behavior  
**Event Title:** Innovations in Activity and Travel Behavior  
**Event Date:** Jan 25 2012 8:30AM- 10:15AM  
**Event Location:** Hilton, International Center  
**Presiding Officers:** Miller, Eric J. - University of Toronto, Canada  
**Sponsored By:** Transportation Demand Management (ABE50)  
**Presentations:**  
**Understanding Changes in Vehicle Miles Traveled in Response to Fuel Price and Fuel Efficiency for Different Income Groups (12-2679) - J12**  
*Wang, Tingting - University of Washington*  
*Chen, Cynthia - University of Washington*  
---  
713  Travel Behavior of the Young and the Old  
**Event Title:** Travel Behavior of the Young and the Old  
**Event Date:** Jan 25 2012 8:30AM- 10:15AM  
**Event Location:** Hilton, International Center  
**Presiding Officers:** Morency, Catherine - École Polytechnique de Montréal, Canada  
**Sponsored By:** Traveler Behavior and Values (ADB10)  
**Presentations:**  
**Mode Choice Analysis of School Trips in New Jersey (12-0386) - H19**  
*Noland, Robert B. - Rutgers University*  
*Park, Hyunsoo - Rutgers University*  
*von Hagen, Leigh Ann - Rutgers University*  
*Chatman, Daniel G. - University of California, Berkeley*
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<thead>
<tr>
<th>Event Number: 733</th>
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<tr>
<td><strong>Event Title:</strong> Addressing Equity in Generating Transportation Revenues</td>
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<tr>
<td><strong>Event Date:</strong> Jan 25 2012 10:15AM-12:00PM</td>
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<tr>
<td><strong>Event Location:</strong> Hilton, International West</td>
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<td><strong>Presiding Officers:</strong> Taylor, Brian D. - University of California, Los Angeles</td>
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<td><strong>Sponsored By:</strong> Revenue and Finance (ABE10)</td>
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<tr>
<td><strong>Presentations:</strong> Efficiency and Equity of Pricing Strategies for Cars and Transit (12-4465)</td>
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<td><em>Gonzales, Eric J. - Rutgers University</em></td>
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<th>Event Number: 751</th>
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<tr>
<td><strong>Event Title:</strong> Intersection Safety Findings, Capacity Adjustments, and Accommodation of Trucks and Superloads at Roundabouts</td>
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<td><strong>Event Date:</strong> Jan 25 2012 2:30PM-4:00PM</td>
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<td><strong>Event Location:</strong> Marriott, Thurgood Marshall West</td>
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<td><strong>Presiding Officers:</strong> Paul, Andrew K. - Massachusetts Department of Transportation</td>
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<td><strong>Sponsored By:</strong> Roundabouts (ANB75T)</td>
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<tr>
<td><strong>Presentations:</strong> Safety-Effectiveness of Converting Signalized Intersections to Roundabouts (12-1658)</td>
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<td><em>Gross, Frank - Vanasse Hangen Brustlin, Inc.</em></td>
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<td><em>Lyon, Craig - Persaud and Lyon Inc., Canada</em></td>
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<td><em>Persaud, Bhagwant - Ryerson University, Canada</em></td>
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<td><em>Srinivasan, Raghavan - University of North Carolina, Chapel Hill</em></td>
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<td><strong>Event Title:</strong> Young Member Roundtable: Pressing Policy Issues in Transportation</td>
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<tr>
<td><strong>Event Date:</strong> Jan 25 2012 2:30PM-4:00PM</td>
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<td><strong>Event Location:</strong> Marriott, Maryland B</td>
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<td><strong>Presiding Officers:</strong> Lee, Joung - American Association of State Highway and Transportation Officials</td>
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<td><strong>Sponsored By:</strong> Young Members Council (YMC) (A0040T)</td>
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<td><strong>Presentations:</strong> Freight Systems (P12-5622)</td>
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<td><em>Conway, Alison J. - City College of New York</em></td>
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<tr>
<td><strong>Event Title:</strong> Airfield Pavement Design Strategies for Safety and Sustainability</td>
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<tr>
<td><strong>Event Date:</strong> Jan 25 2012 2:30PM-4:00PM</td>
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<td><strong>Event Location:</strong> Shoreham, Congressional</td>
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<td><strong>Presiding Officers:</strong> Solis, Perfecto - Dallas/Fort Worth International Airport</td>
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<td><strong>Sponsored By:</strong> Aircraft/Airport Compatibility (AV070)</td>
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<td><strong>Presentations:</strong> Effect of Load Transfer Efficiency on Design Thickness and Effect of Temperature Curling on LTE of Rigid Airfield Pavement (12-0571)</td>
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<td><em>Joshi, Akshay - Rowan University</em></td>
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<td><em>Mehta, Yusuf A. - Rowan University</em></td>
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<td><em>Cleary, Douglas - Rowan University</em></td>
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<td><em>Cunliffe, Charles - Rowan University</em></td>
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<td><em>Henry, Samuel - Weeks Marine</em></td>
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761
Event Title: Carsharing: Behavioral Findings and Public Policy Implications
Event Date: Jan 25 2012 2:30PM-4:00PM
Event Location: Hilton, Lincoln West
Presenters: Le Vine, Scott - Imperial College of Science, Technology and Medicine, United Kingdom
Presiding Officers: Emerging and Innovative Public Transport and Technologies (AP020)

**Impacts of Carsharing in a University Setting: Changes in Vehicle Ownership, Parking Demand, and Mobility in Ithaca, NY (12-4053)**

- Stasko, Timon - Cornell University
- Gao, H. Oliver - Cornell University
- Buck, Andrew - Cornell University

774
Event Title: Advances in Transportation Network Modeling
Event Date: Jan 25 2012 2:45PM-4:30PM
Event Location: Hilton, International Center
Presenters: Peeta, Srinivas - Purdue University

**Optimizing Feeder Bus Routes Based on Access Mode Shifts: Network Modeling Approach (12-2638) (P12-6593) - C08**

- Huang, Zhaodong - New Jersey Institute of Technology
- Liu, Rongfang - New Jersey Institute of Technology

**Case-Study-Based Evaluation of Stochastic Multicommodity Emergency Inventory Management Model (12-4009) (P12-6621) - H11**

- Ozguven, Eren Erman - Rutgers University
- Ozbay, Kaan - Rutgers University

795
Event Title: Impacts of Neighborhood and Urban Form on Travel Behavior
Event Date: Jan 25 2012 4:30PM-6:00PM
Event Location: Hilton, Columbia Hall 7
Presenters: Lee, Brian H. Y. - University of Vermont

**How will land use policies affect travel? The importance of residential sorting (12-3647)**

- Cao, Xinyu - University of Minnesota, Twin Cities
- Chatman, Daniel G. - University of California, Berkeley
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| 801          | Network Models for Transit, Freight, and Supply Chains | Jan 26 2012 8:00AM- 9:45AM | Hilton, Georgetown West | Unnikrishnan, Avinash - West Virginia University | Transportation Network Modeling (ADB30) | Optimizing Feeder Bus Routes Based on Access Mode Shifts: Network Modeling Approach (12-2638)  
Huang, Zhaodong - New Jersey Institute of Technology  
Liu, Rongfang - New Jersey Institute of Technology |
| 804          | Status of Long-Term Bridge Performance Program | Jan 26 2012 8:00AM- 12:00PM | Marriott, Thurgood Marshall North | Ghasemi, Hamid - Federal Highway Administration | Structures Maintenance (AHD30) Bridge Management (AHD35) | Long-Term Data Collection Phase: 2012 and 2013 Plans (P12-5451)  
Maher, Ali - Rutgers University |
| 809          | New Directions and Applications Using Network Modeling | Jan 26 2012 10:15AM- 12:00PM | Hilton, Georgetown West | Chiu, Yi-Chang - University of Arizona | Transportation Network Modeling (ADB30) | Two-Stage Optimization Model for Staggered Work Hours (12-3399)  
Yushimito, Wilfredo Fernando - Universidad Adolfo Ibanez, Chile  
Ban, Xuegang (Jeff) - Rensselaer Polytechnic Institute  
Holguín-Veras, José - Rensselaer Polytechnic Institute |
| 810          | Nonmotorized Travel Behavior | Jan 26 2012 10:15AM- 12:00PM | Hilton, Georgetown East | Burbridge, Shaunna K. - Metro Analytics | Traveler Behavior and Values (ADB10) | Integrating Walkability Into Planning Practice (12-4422)  
Weinberger, Rachel R. - University of Pennsylvania  
Sweet, Matthias - University of Pennsylvania |