TRB Truck and Bus Safety Committee-Sponsored Events, 2010

Published Meeting - Committee (M)s

RPM10-046
Monday, January 11, 2010, 8:00am- 9:45am, Marriott, Taylor
**Truck and Bus Operator Health and Wellness Subcommittee, ANB70(3)**
Gerald P. Krueger, Krueger Ergonomics Consultants, presiding
*Sponsored by Committee on Truck and Bus Safety*

RPM10-006
Monday, January 11, 2010, 10:15am-12:00pm, Marriott, Taft
**Driver Training Joint Subcommittee of ANB70, ANB30**
John Frank Brock, Windwalker Corporation, presiding
*Sponsored by Committee on Truck and Bus Safety; Committee on Operator Education and Regulation*

RPM10-023
Monday, January 11, 2010, 1:30pm- 5:30pm, Marriott, Harding
**Truck and Bus Safety Committee**
Joel L. Ticatch, Telvent, Inc., presiding
*Sponsored by Committee on Truck and Bus Safety*

RPM10-052
Monday, January 11, 2010, Immediately following the Truck and Bus Safety Committee Meeting (approximately 4:30pm), Marriott, Harding
**Truck and Bus Data Subcommittee, ANB70(4)**
Robert A. Scopatz, Data Nexus, Inc., presiding
*Sponsored by Committee on Truck and Bus Safety*

RPM10-060
Tuesday, January 12, 2010, 1:30pm- 3:15pm, Marriott, Park Tower Suite 8212
**Motorcoach Safety Subcommittee, ANB70(2)**
Gerald A. Donaldson, Advocates for Highway and Auto Safety, presiding
*Sponsored by Committee on Truck and Bus Safety*
Paper or Conference Session (S)s

405(RPS10-031)
Tuesday, January 12, 2010, 8:00am- 9:45am, Marriott, Salon 3
Federal Motor Carrier Safety Administration's Analysis, Research, and Technology, Part 1 (Part 2, Session 446)
Ken Leonard, Federal Motor Carrier Safety Administration, presiding
Sponsored by Committee on Truck and Bus Safety
Opening Remarks (P10-0861)
  Anne S. Ferro, Federal Motor Carrier Safety Administration
Pre-Employment Screening Program (P10-0862)
  Michael Johnsen, Federal Motor Carrier Safety Administration
Driver Distraction Study in Commercial Vehicle Operations (P10-0863)
  Terri Hallquist, Federal Motor Carrier Safety Administration
  Bryan Price, Federal Motor Carrier Safety Administration

446(RPS10-032)
Tuesday, January 12, 2010, 10:15am-12:00pm, Marriott, Salon 3
Federal Motor Carrier Safety Administration's Analysis, Research, and Technology, Part 2 (Part 1, Session 405)
Ken Leonard, Federal Motor Carrier Safety Administration, presiding
Sponsored by Committee on Truck and Bus Safety
  Olu Ajayi, Federal Motor Carrier Safety Administration
Employer Notification Service: National Deployment Options (P10-0866)
  Chris Flanigan, Federal Motor Carrier Safety Administration
Analysis and Information: Online Website Redesign (P10-0867)
  Scott Valentine, Federal Motor Carrier Safety Administration
Poster Session (Ps)
572 (RPP10-010)
Tuesday, January 12, 2010, 7:30pm-9:30pm, Marriott, Salon 2

**Truck and Bus Safety Research**
Virginia Tech Transportation Institute, presiding
Sponsored by Committee on Truck and Bus Safety

Examining Large-Truck Crash Risks Attributed to Driver Fatigue and Hours of Sleep (10-4008)
   Ming Lee, University of Alaska, Fairbanks

Analysis of Injury Severity of Large-Truck Crashes Using Large Truck Crash Causation Study Data (10-3872)
   Xiaoyu Zhu, University of Florida
   Sivaramakrishnan Srinivasan, University of Florida

Virtual Rollover Testing of Paratransit Bus (10-3578)
   Cezary Bojanowski, Florida A&M University - Florida State University
   Leslaw Kwasniowski, Warsaw University of Technology, Poland
   Jeff Siervogel, Florida A&M University - Florida State University
   Jerry Wekezer, Florida A&M University - Florida State University

Crash Analysis and Traffic Characteristics Under Freeway Truck Lane Restriction and Differential Speed Limit Policies (10-3532)
   Murat Korkut, Louisiana State University
   Sherif Ishak, Louisiana State University
   Brian Wolshon, Louisiana State University

   Racquel Pickett, American Transportation Research Institute
   Dan Murray, American Transportation Research Institute
   Chris Flanigan, Federal Motor Carrier Safety Administration

Motor Carrier Type and Driver History in Fatal Bus Crashes (10-3310)
   Daniel Blower, University of Michigan Transportation Research Institute
   Paul Green, University of Michigan Transportation Research Institute

Identification of Factors Related to Violation Propensity Using Large Naturalistic Intersection Approach-Level Database (10-3195)
   Zachary R Doerzaph, Virginia Tech Transportation Institute
   Rajaram Bhagavathula, Virginia Tech Transportation Institute
   Feng Guo, Virginia Polytechnic Institute and State University

Evaluation of Noise Level, Whole-Body Vibration and Air Quality Inside the Cab of Heavy-Duty Diesel Vehicles During Conditions of Parked Engine-Idling and On-Road Driving (10-3165)
   Joshua S. Fu, University of Tennessee, Knoxville
   James A Calcagno, University of Tennessee, Knoxville
   Wayne T. Davis, University of Tennessee, Knoxville

Vehicle Condition and Truck Crash Risk: Evidence from Large Truck Crash Causation Study (10-3120)
   Daniel Blower, University of Michigan Transportation Research Institute
   Paul Green, University of Michigan Transportation Research Institute
   Anne Matteson, University of Michigan Transportation Research Institute

Identifying Large Truck Hot Spots Using Crash Counts and Property-Damage-Only Equivalents (10-2335)
   Sravani Vadlamani, Arizona State University
   Erdong Chen, Arizona State University
   Soyoung Ahn, Arizona State University
   Simon Washington, University of California, Berkeley

Snow and Ice Accumulation on Vehicles (10-2315)
Todd G. Trego, American Transportation Research Institute
Rebecca M. Brewster, American Transportation Research Institute

Effectiveness of Freeway Truck Operation Safety Measures: Review of Current Research (10-2124)
Landon Mills, University of Memphis
Stephanie Ivey, University of Memphis
Mihalis M. Golias, University of Memphis

A Study of Digital Tachograph in Abnormal Driving Behavior Management of Bus Drivers with Data Mining Techniques (10-1940)
Shiaw-Shyan Luo, Tamkang University, Taiwan
Chi-Han Kao, THI Consultants, Inc., Taiwan
Chun-Hung Peter Chen, Santa Clara Valley Transportation Authority

Influence of Narrower Lanes on Bus Sideswipe Crashes (10-1577)
Thobias Sando, University of North Florida
Geophrey Mbatta, Florida A&M University - Florida State University
Deo Chimba, Tennessee State University
Ren Moses, Florida A&M University

Hour of Service and Truck Crash Risk: Findings from Three National U.S. Carriers During 2004 (10-1202)
Sang-Woo Park, Korea Transport Institute
Paul P. Jovanis, Pennsylvania State University

Comparison of Characteristics and Contributory Causes of Fatal Truck and Non-Truck Crashes Using Bayesian Statistical Analysis (10-1038)
Nishitha Bezwada, Kansas State University
Sunanda Dissanayake, Kansas State University

Synchronizing Roadway and Traffic Operations Influencing Bus Crashes (10-0527)
Deo Chimba, Tennessee State University
Thobias Sando, University of North Florida
Valerian Kwizigile, West Virginia University
Ren Moses, Florida A&M University

Evaluation of Effectiveness of Rearview Video Systems as a Countermeasure for Truck Backing Crashes: Controlled Test (10-0268)
Chanyoung Lee, University of South Florida
Achilleas Kourtellis, University of South Florida
Pei-Sung Lin, University of South Florida
Peter Hsu, Florida Department of Transportation

Safety Benefit Evaluation of Heavy Vehicle Forward Collision Warning System (10-0207)
Hesham Rakha, Virginia Polytechnic Institute and State University
Gregory M. Fitch, Virginia Tech Transportation Institute
Mazen Arafeh, Virginia Polytechnic Institute and State University
Myra Blanco, Virginia Tech Transportation Institute
Richard Hanowski, Virginia Tech Transportation Institute

Use of Onboard Safety Monitoring Device to Reduce Commercial Motor Vehicle Drivers’ Safety-Related Events (10-0063)
Jeff Hickman, Virginia Tech Transportation Institute