

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

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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

Comprehensive Safety Analysis 2010: New Safety Measurement System with Promise (P10-0864)

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

Evaluating Safety Benefits of Low-Cost Driving Behavior Management System in Commercial Vehicle Operations (P10-0865)

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 (P)s

572 (RPP10-010)

Tuesday, January 12, 2010, 7:30pm- 9:30pm, Marriott, Salon 2

Truck and Bus Safety Research

[William Andrew Schaudt](#), 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 Kwasniewski](#), 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

Onboard Safety System Deployment Research: Synthesis of Research on Costs, Benefits, and

User Requirements Associated with Motor Carrier Safety Technologies (10-3405)

[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 Kwigizile](#), 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