



## Tuesday July 10, 2007

### **SESSION 1 – Lectures**

#### **Tools – Simulation – Research Methods**

**9:10 AM – 10:50 PM**

Stevenson Ballroom, Skamania Lodge

Session Chair: Natasha Meret (Leeds University — *United Kingdom*)

**9:10 AM      R We Fooling Ourselves: Does the Occlusion Technique Shortchange R Estimates? (02)**

Christopher A. Monk, David G. Kidd (George Mason University)

**9:35 AM      Shouldn't Cars React as Drivers Expect? (03)**

Jan-Erik Källhammer (Autoliv Research, Linköping University — *Sweden*), Kip Smith (Linköping University — *Sweden*), Johan Karlsson (Autoliv Research — *Sweden*), Erik Hollnagel (Linköping University — *Sweden*)

**10:00 AM      Using the Lane-Change Test (LCT) to Assess Distraction: Tests of Visual-Manual and Speech-Based Operation of Navigation System Interfaces (04)**

Joanne L. Harbluk, Peter C. Burns, Martin Lochner, Patricia L. Trbovich (Transport Canada — *Canada*)

**10:25 AM      Effects of Secondary Task Demands on Drivers' Responses to Events During Driving: Surrogate Methods and Issues (05)**

Linda S. Angell (General Motors Corporation)

**10:50 AM – 11:00 AM**

#### **BREAK-Refreshments**

CMP Station, Skamania Lodge

### **SESSION 2 – Lectures**

#### **Visual Performance & Attention**

**11:00 AM – 12:40 PM**

Stevenson Ballroom, Skamania Lodge

Session Chair: Nebi Sümer (Middle East Technical University — *Turkey*)

**11:00 AM      Vision in Night Driving: The Roles of Rod and Cone Photoreceptors (06)**

Michael J. Flannagan (University of Michigan)

**11:25 AM      Change Blindness, Attention, and Driving Performance (07)**

Monica N. Lees, JonDavid Sparks, John D. Lee, Matthew Rizzo (The University of Iowa)

**11:50 AM      Overestimation of Skills Affects Drivers' Adaptation to Task Demands (08)**

Saskia de Craen, Divera A.M. Twisk, Marjan P. Hagenzieker (SWOV, Institute for Road Safety Research — *The Netherlands*), Henk Elffers (NSCR, Institute for the Study of Crime and Law Enforcement — *The Netherlands*), Karel A. Brookhuis (Delft University of Technology — *The Netherlands*)

**12:15 PM      Predicting the Effects of Disability Glare on Driving Performance (09)**

Rob Gray (Arizona State University)

**Tuesday July 10, 2007**

**12:45 PM – 2:00 PM HONDA LUNCHEON & OUTSTANDING STUDENT PAPER  
AWARD CEREMONY**

**Sponsored by Honda R&D Americas, Inc.**  
Outside Lawn, Skamania Lodge

Awards presented by:  
**Mr. Charles Allen**  
Senior Vice President and General Manager  
Honda R&D Americas, Inc.

*The Honda Outstanding Student Paper Award winners will be announced at the luncheon.*

**SESSION 3 – Lectures**

**Driver Distraction**

**2:10 PM – 3:50 PM**

Stevenson Ballroom, Skamania Lodge

Session Chair: Kristie Young (Monash University Accident Research Centre — *Australia*)

**2:10 PM Awareness of Performance Decrements Due to Distraction in Younger and  
Older Drivers (10)**

William J. Horrey, Mary F. Lesch, Angela Garabet  
(Liberty Mutual Research Institute for Safety)

**2:35 PM The Effect of Voice Interactions on Drivers' Guidance of Attention (11)**

Yi-Ching Lee (University of Illinois at Urbana-Champaign)  
John D. Lee, Linda Ng Boyle (The University of Iowa)

**3:00 PM Internal Distraction and Driving: Does It Show? (12)**

Rino F.T. Brouwer, Marieke H. Martens (TNO Human Factors — *The Netherlands*)

**3:25 PM Conversations on an Embedded Phone while Driving: Predicted vs.  
Observed Real-world Airbag Deployment Crash Rates (13)**

Richard A. Young (General Motors Engineering), Chris Schreiner (Motorola)

**3:50 PM BREAK-Refreshments**

CMP Station, Skamania Lodge

**SESSION 4 – Poster Session A**

**4:00 PM – 5:30 PM**

Cascade Locks Ballroom, Skamania Lodge

**Field Test Results of a Road Departure Crash Warning System: Driver Acceptance,  
Perceived Utility and Willingness to Purchase (14)** James R. Sayer, David J. LeBlanc, Mary  
Lynn Mefford, Joel Devonshire (University of Michigan Transportation Research Institute)

**Weight Semi Hidden Markov Model and Driving Situation Classification for Driver Behavior Diagnostic (15)** Nicolas Dapzol (LESCOT / INRETS — *France*)

**Time-to-Arrival and Useful Field of View: Associations with Reported Driving Difficulties Among Older Adults (16)** José F. Marmeleira (University of Évora — *Portugal*), Inês S. Ferreira (University of Coimbra — *Portugal*), Mário B. Godinho (Technical University of Lisbon — *Portugal*), Orlando M. Fernandes (University of Évora — *Portugal*)

**Aging and the Effects of Conversation with a Passenger or a Caller on Simulated Driving Performance (17)** Ensar Becic, Tate Kubose, Arthur F. Kramer, Gary S. Dell, Susan M. Garnsey, Kathryn Bock (University of Illinois at Urbana-Champaign)

**Driving Simulator Evaluation of a Vehicle Rear-Mounted Heavy Braking Light With and Without Distraction (18)** Michael Regan (French National Institute for Transport and Safety Research (INRETS) — *France*), Thomas Triggs, Eve Mitsopoulos-Rubens, Mark Symmons, Nebojsa Tomasevic (Monash University Accident Research Centre (MUARC) — *Australia*)

**Training of Driving-Related Attentional Performance After Stroke Using a Driving Simulator (19)** Emmanuel Abiodun Akinwuntan (Medical College of Georgia), Willy De Weerd, Hilde Feys, Geert Verheyden, F. De Vooght, Hannes Devos (Katholieke Universiteit Leuven — *Belgium*), Guido Baten (CARA, Belgian Road Safety Institute — *Belgium*), Carlotte Kiekens (University Hospital Pellenberg — *Belgium*)

**Some Negative Effects of Warnings (20)** S. David Leonard (University of Georgia)

**Broad-Spectrum Clinical Applications of a Low-Fidelity Simulator: Emphasis on Functional Impairment (21)** Henry J. Moller (University of Toronto — *Canada*)

**The Relationship Between Driving Behavior and Entropy (22)** Jeffrey D. Dawson, Joshua D. Cosman, Yang Lei, Elizabeth Dastrup, JonDavid Sparks, Matthew Rizzo (The University of Iowa)

**Just Noticeable Differences for Vehicle Rates of Closure (23)** Gregory M. Corso, Nicholas J. Kelling (Georgia Institute of Technology)

**Withdrawn (24)**

**Assessing Drivers' Vigilance State During Monotonous Driving (25)** Eike A. Schmidt, Wilhelm E. Kincses, Michael Schrauf (DaimlerChrysler AG — *Germany*), Stefan Haufe (Technische Universität Berlin & Fraunhofer Institute FIRST, IDA — *Germany*), Ruth Schubert, Gabriel Curio (Charité University-Medicine — *Germany*)

**Evaluation of Fatigue Management Technologies Using Weighted Feature Matrix Method (26)** David J. Edwards (Caterpillar Inc.), Bill Sirois, Todd Dawson, Acacia Aguirre, Bill Davis, Udo Trutschel (Circadian Technologies Inc.)

**Objective Methods for Assessments of Influence of IVIS (In-Vehicle Information Systems) on Safe Driving (27)** Petr Bouchner, Stanislav Novotný, Roman Piekník (Czech Technical University in Prague — *Czech Republic*)

**Comparison of Self-Reported and Computer-Based Hazard Perception Skills Among Novice and Experienced Drivers (28)** Nebi Sümer (Middle East Technical University — *Turkey*), Ayça Berfu Ünal, Ahmet Birdal, Pınar Çınar, Sema Çevikoğlu (Meteksan Sistem A.Ş. — *Turkey*)

**Effects of Chinese Font Style and Color on Variable Message Signs (29)** Chien-Jung Lai, Kuo-Duan Yen, Duan-Bing Wang (National Chin-Yi University of Technology — *Taiwan*)

**Driving Simulator Performance Across the Lifespan: A Preliminary Study (30)** Thomas D. Marcotte (University of California, San Diego), Theodore Rosenthal (Systems Technology, Inc.), Erica Roberts, J. Cobb Scott, Rachel Meyer (University of California, San Diego), R. Wade Allen (Systems Technology, Inc.)

**Withdrawn (31)**

**I-TSA Traffic Safety Assessment in a Simulator Experiment with Integrated Information and Assistance Systems (32)** Maria Rimini-Doering, Michael Dambier (Robert Bosch GmbH — *Germany*)

**Identifying Fatality Factors of Rural and Urban Safety Cultures (33)** Michael E. Rakauskas, Nicholas J. Ward (ITS Institute, University of Minnesota)

**Near Peripheral Motion Detection Threshold Predicts Detection Failure Accident Risk in Younger and Older Drivers (34)** Steven Henderson (Transportation Safety Board of Canada — *Canada*), Sylvain Gagnon, Alexandre Bélanger, Ricardo Tabone, Charles Collin (University of Ottawa — *Canada*)

**Effects of Visual and Cognitive Distraction on Lane Change Test Performance (35)** Johan Engström (Volvo Technology Corporation, Chalmers University — *Sweden*), Gustav Markkula (Volvo Technology Corporation — *Sweden*)

**Effect of a Side Collision-Avoidance Signal on Simulated Driving with a Navigation System (36)** Dong-Yuan (Debbie) Wang (University of North Florida), David F. Pick (Purdue University, Calumet), Robert W. Proctor (Purdue University, West Lafayette), Yi (Derek) Ye (University of North Florida)

**Prediction of Brake Onset Times for Rear End Collisions (37)** Nicholas J. Kelling, Gregory M. Corso (Georgia Institute of Technology)

**Indirect Clinical Evidence of Driver Inattention as a Cause of Crashes (38)** Gary A. Davis (University of Minnesota)

**5:45 PM**

**DINNER BUFFET**

Cascade Dining Room, Skamania Lodge

**Wednesday July 11, 2007**

**7:00 AM – 4:30 PM**

**Registration Open**

Conference Center Lobby, Skamania Lodge

**6:45 AM – 7:45 AM**

**Breakfast Buffet**

Cascade Dining Room, Skamania Lodge

**SESSION 5 – Lectures**

**Quantification of Driving Performance**

**8:00 AM – 9:40 AM**

Stevenson Ballroom, Skamania Lodge

Session Chair: John Andersen (University of California, Riverside)

**8:00 AM**

**Naturalistic Driving Performance During Secondary Tasks (39)**

James Sayer, Joel Devonshire, Carol Flannagan  
(University of Michigan Transportation Research Institute)

**8:25 AM**

**The Quality of Behavioral and Environmental Indicators Used to Infer the Intention to Change Lanes (40)**

Matthias J. Henning (Chemnitz University of Technology — *Germany*), Olivier Georgeon (INRETS - Institut National de Recherche sur les Transports et leur Sécurité — *France*), Josef F. Krems (Chemnitz University of Technology — *Germany*)

**8:50 AM**

**Driving Performance while Engaged in MP-3 Player Interaction: Effects of Practice and Task Difficulty on PRT and Eye Movements (41)**

Susan L. Chisholm, Jeff K. Caird (University of Calgary — *Canada*), Julie Lockhart (The University of Iowa), Lisa Fern (Ohio State University), Elise Teteris (University of Calgary — *Canada*)

**9:15 AM**

**Field Test Results of a Road Departure Crash Warning System: Driver Utilization and Safety Implications (42)**

David J. LeBlanc, James Sayer, Christopher Winkler, Scott Bogard, Joel Devonshire  
(University of Michigan Transportation Research Institute)

**9:40 AM – 9:50 AM**

**BREAK-Refreshments**

CMP Station, Skamania Lodge

**Wednesday July 11, 2007**

**SESSION 6 – Lectures**

**Medical Factors – Fitness to Drive**

**9:50 AM – 11:30 AM**

Stevenson Ballroom, Skamania Lodge

Session Chair: Tom Marcotte (University of Alabama at Birmingham)

**9:50 AM      Predicting Driver Safety in Parkinson’s Disease: An Interim Report of an Ongoing Longitudinal Study (43)**

Ergun Y. Uc (The University of Iowa, Veterans Affairs Medical Center), Matthew Rizzo, Steven W. Anderson, JonDavid Sparks, Qian Shi, Robert L. Rodnitzky, Jeffrey D. Dawson (The University of Iowa)

**10:15 AM      The Effects of Sleep Deprivation on Simulator Driving as Compared with Other Psychomotor Tests (44)**

George D. Park (Systems Technology, Inc.), J. Catesby Ware, Jennifer F. May (Eastern Virginia Medical School), Theodore J. Rosenthal, Matthew R. Guibert, R. Wade Allen (Systems Technology, Inc.)

**10:40 AM      Short and Predictive Assessment Battery of Fitness-to-Drive After Stroke (45)**

Emmanuel Abiodun Akinwuntan (Medical College of Georgia), Hannes Devos, Hilde Feys, Geert Verheyden, Willy De Weerd (Katholieke Universiteit — *Belgium*), Guido Baten (CARA, Belgian Road Safety Institute — *Belgium*), Carlotte Kiekens (University Hospital — *Belgium*)

**11:05 AM      Simulator-Based Driving with Hemianopia: Detection Performance and Compensatory Behaviors on Approach to Intersections (46)**

Alex R. Bowers, Aaron J. Mandel, Robert B. Goldstein, Eli Peli (The Schepens Eye Research Institute and Harvard Medical School)

**11:40 AM – 12:50 PM**

**LUNCH**

Outside Lawn, Skamania Lodge

## **Wednesday July 11, 2007**

### **SESSION 7 – Lectures**

#### **Design**

**1:00 PM – 2:40 PM**

Stevenson Ballroom, Skamania Lodge

Session Chair: Maria Rimini-Doering (Robert Bosch GmbH — *Germany*)

- 1:00 PM      A Simple and Effective Display for Night Vision Systems (47)**  
Omer Tsimhoni, Michael J. Flannagan, Mary Lynn Mefford, Naoko Takenobu  
(University of Michigan Transportation Research Institute)
- 1:25 PM      Comparing the Influence of Two User Interfaces for Mobile Radios on  
Driving Performance (48)**  
Zeljko Medenica, Andrew L. Kun (University of New Hampshire)
- 1:50 PM      Comparison of Driver Brake Reaction Times to Multimodal Rear-end  
Collision Warnings (49)**  
Jeffrey J. Scott (Arizona State University; United States Air Force)  
Rob Gray (Arizona State University)
- 2:15 PM      Effects of Adaptive Information Presentation (50)**  
Nicola Fricke (Technische Universität Berlin — *Germany*)
- 2:40 PM      BREAK-Refreshments**  
CMP Station, Skamania Lodge

### **SESSION 8 – Poster Session B**

**2:45 PM – 4:15 PM**

Cascade Locks Ballroom, Skamania Lodge

**Safety Related Misconceptions and Self-Reported Behavioral Adaptations Associated With Advanced In-Vehicle Systems: Lessons Learned From Early Technology Adopters (51)** Robert E. Llaneras (Virginia Tech Transportation Institute)

**The Effects Of Sleep Apnea on Heart Rate Variability in a Simulator (52)** Linda Boyle, John Hill, Jon Tippin, Kevin Faber, Matthew Rizzo (The University of Iowa)

**The Danger of Incorrect Expectations In Driving: The Failure to Respond (53)** Marieke H. Martens (TNO Human Factors — *The Netherlands*)

**Observation of Gap Acceptance During Intersection Approach (54)** Delphine Cody, Christopher Nowakowski, Bénédicte Bougler (University of California, Berkeley)

**Comparison of Trained and Untrained Novice Drivers' Gaze Behavior in Risky and Non-Risky Scenarios (55)** Anuj Pradhan, Alexander Pollatsek, Donald L. Fisher (University of Massachusetts, Amherst)



**Off-Road and On-Road Driving Assessments Methods, What Do They Say? A Clinical Sample (56)** Helena Larsson (Karolinska Institutet — *Sweden*), Torbjörn Falkmer (Linköping University; Jönköping University — *Sweden*)

**Withdrawn (57)**

**Diabetes and Motor Vehicle Crashes: A Systematic Evidence-Based Review and Meta-Analysis (58)** Stephen J. Tregear (ECRI Evidence-based Practice Center), Matthew Rizzo (The University of Iowa College of Medicine), Marie Tiller, Karen Schoelles (ECRI Evidence-based Practice Center), Kurt T. Hegmann (University of Utah College of Medicine), Michael I. Greenberg (Drexel University College of Medicine), Barbara Phillips (University of Kentucky College of Medicine), Gunnar Anderson (Rush University Medical Center)

**Multisensory Signal Detection: How Does Driving and IVIS Management Affect Performance? (59)** Natasha Merat, A. Hamish Jamson (University of Leeds — *United Kingdom*)

**Static and Dynamic Evaluation of the Driver Speed Perception and Selection Process (60)** David S. Hurwitz, Michael A. Knodler, Jr. (University of Massachusetts, Amherst)

**Age-Related Driving Performance: Effect of Fog Under Dual-Task Conditions (61)** Rui Ni, Julie Kang, and George J. Andersen (University of California, Riverside)

**Auditory In-Vehicle Technologies to Support Older Drivers (62)** Carryl L. Baldwin, Ian Reagan, Jeffrey H. Lawrence, T. Robert Turner (Old Dominion University)

**Age-Related Deficits in the Frequency of Gaze Responses to the Mirrors and Blind-Spot During Lane Change Maneuvers of Various Complexity (63)** Martin Lavallière, Nathan Ngân, Mathieu Tremblay, Denis Laurendeau (Université Laval — *Canada*), Charles T. Scialfa (University of Calgary — *Canada*), Martin Simoneau, Normand Teasdale (Université Laval — *Canada*)

**Long-Term Effects of More Punitive Legislation Concerning the Use of Mobile Phone During Driving in Portugal (64)** Mário B. Godinho (Technical University of Lisbon — *Portugal*)

**Does Exposure to Distraction in an Experimental Setting Impact Driver Perception of Cell Phone Ease of Use and Safety? (65)** Angela Garabet, William J. Horrey, Mary F. Lesch (Liberty Mutual Research Institute for Safety)

**Why Driving Performance Measures Are Sometimes Not Accurate (and Methods to Check Accuracy) (66)** Paul Green (UMTRI-Human Factors, University of Michigan)

**Drivers with Dementia: Environment, Errors and Performance Outcomes (67)** Angela Berndt, Esther May (University of South Australia — *Australia*), Michael Clark (Flinders University — *Australia*)

**Using Utility Theory to Evaluate IVR Menu Structure and Reduce Driving Distraction (68)** Michael E. Rakauskas (University of Minnesota)

**On the Construction of a Safety Gap Prediction Model for Freeway Bus Lane-Changing Maneuver Using Driving Simulator Data (69)** Chao-Hua Chen, Wen-Chu Ho (Chung Hua University — *Taiwan*)

**An Examination of the Relationship Between Attention Profiles and Simulated Driving Performance (70)** Meghann Nelson, Stephanie Tuttle, Richard W. Backs (Central Michigan University)

**Formative Evaluation of Engineering Designs Using Driver Performance in a Immersive Driving Simulator (71)** Michael J. Kelly, Suzanne Lassacher (Montana State University), Laura M. Stanley (Virginia Polytechnic Institute and State University)

**Crashing Under Pressure: An Examination of Older Driver's Reactions to Simulated Challenging Road Events (72)** Alexandre Bélanger (University of Ottawa; CanDRIVE, Elizabeth Bruyère Research Centre — *Canada*), Stephanie Yamin (University of Ottawa — *Canada*), Andrée-Ann Cyr, Sylvain Gagnon (University of Ottawa; CanDRIVE, Elizabeth Bruyère Research Centre — *Canada*), Malcolm Man-Soon Hing, Shawn Marshall (CanDRIVE, Elizabeth Bruyère Research Centre — *Canada*)

**The Influence of Fog on Motion Discrimination Thresholds in Car Following (73)** Stéphane Caro, Viola Cavallo (INRETS – LPC — *France*), Christian Marendaz (University of Grenoble — *France*), Erwin Boer (LUEBEC), Fabrice Vienne (INRETS - MSIS — *France*)

**A Cybernetic Perspective on Car Following in Fog (74)** Erwin R. Boer (LUEBEC), Stéphane Caro, Viola Cavallo (INRETS – LPC — *France*)

**Driver's Behavior and Workload Assessment for New In-Vehicle Technologies Design (92)** Annie Pauzié, Julie Manzano, Nicolas Dapzol (INRETS - National Research Institute on Transport and Safety; LESCOT- Laboratory Ergonomics & Cognitive Sciences in Transport — *France*)

**6:30 PM – 9:30 PM**

**6:30 PM – 7:30 PM**

**7:30 PM**

**SOCIAL HOUR & CHARTER BOAT DINNER CRUISE**

**Social Hour** (cash bar)

**Buffet Dinner Served**

Portland Spirit Sternwheeler

**Thursday July 12, 2007**

**7:00 AM – 1:00 PM**

**Registration Open**

Conference Center Lobby, Skamania Lodge

**6:45 AM – 7:45 AM**

**Breakfast Buffet**

Cascade Dining Room, Skamania Lodge

**SESSION 9 – Hybrids**

**Intro Lecture/Poster**

**8:00 AM – 9:45 AM**

Stevenson Ballroom

Session Chair: Susan Chrysler (Texas Transportation Institute)

**The Effectiveness of Safety Campaign VMS Messages - A Driving Simulator Investigation**

**(75)** A. Hamish Jamson, Natasha Merat (University of Leeds — *United Kingdom*)

**Passenger Age and Gender Effects on Adult Driver Fatal Crash Rate (76)** Neil Lerner, Mark Freedman, Paul Zador (Westat), Marie Claude Ouimet, Bruce Simons-Morton (National Institute of Child Health and Human Development), Douglas Duncan (Consultant)

**Estimation of Driver Inattention to Forward Objects Using Facial Direction with Application to Forward Collision Avoidance Systems (77)** Kenji Kimura, Akira Nakagoshi, Hitoshi Kanamori (Toyota Motor Corporation — *Japan*)

**Simulator-Based Learning: Achieving Performance Improvement Independent of Instructors (78)** Darrell R. Turpin, Reginald T. Welles, Camille Price (Applied Simulation Technologies)

**Assessment of Hazard Perception Latencies Using Real Life and Animated Traffic Hazards: Comparison of Novice and Experienced Drivers (79)** Nebi Sümer (Middle East Technical University — *Turkey*), Ayça Berfu Ünal, Ahmet Birdal (Psychotechnical Systems Group — *Turkey*)

**The Virtual Check Ride (VCR) as a Diagnostic and Remediation System (80)** Ron Tarr, James D. Whitmire II (Institute for Simulation and Training)

**Perceptual-Motor Control Strategies for Left-Turn Execution (81)** Rayka Mohebbi, Rob Gray (Arizona State University)

**Conversation Effects on Driving: Neural Mechanisms Underlying Reaction Times to Visual Events (82)** Li Hsieh (Wayne State University), Richard A. Young (Wayne State University; General Motors), Susan M. Bowyer, John E. Moran (Henry Ford Hospital)

**Cognitive Factors and Gender Related to Self-reported Difficulties in Older Drivers (83)** Inês S. Ferreira (University of Coimbra — *Portugal*), José F. Marmeleira (University of Évora — *Portugal*), Mário B. Godinho (Technical University of Lisbon — *Portugal*), Mário R. Simões (University of Coimbra — *Portugal*)

**Driver Performance and Workload Using a Night Vision System (84)** John M. Sullivan, Jonas Bärghman, Go Adachi, Brandon Schoettle (University of Michigan Transportation Research Institute)

**Assessing Driver Fatigue as a Factor in Road Accidents (85)** William Sirois, Todd Dawson, Martin Moore-Ede, Acacia Aguirre, Udo Trutschel (Circadian Technologies)

**Can Galvanic Vestibular Stimulation Reduce Simulator Adaptation Syndrome? (86)** Rebecca J. Reed-Jones, James G. Reed-Jones, Lana M. Trick, Lori A. Vallis (University of Guelph — *Canada*)

**Risky Driving by Recently Licensed Teens: Self-Reports and Simulated Performance (87)** Teresa M. Senserrick (The Children's Hospital of Philadelphia), Timothy Brown, Dawn Marshall (The University of Iowa), D. Alex Quistberg (The Children's Hospital of Philadelphia), Ben Dow (The University of Iowa), Flaura K. Winston (The Children's Hospital of Philadelphia; University of Pennsylvania)

**9:45 AM – 10:00 AM**

**BREAK-Refreshments**

CMP Station, Skamania Lodge

**SESSION 10 – Lectures**

**Younger & Older Drivers**

**10:00 AM – 11:40 AM**

Stevenson Ballroom, Skamania Lodge

Session Chair: William Horrey (Liberty Mutual Research Institute for Safety)

**10:00 AM Evaluation of the AARP Driver Safety Program in Florida (88)**  
Gerald McGwin, Jr., Cynthia Owsley (University of Alabama at Birmingham)

**10:25 AM Age, Skill and Hazard Perception in Driving (89)**  
Avinoam Borowsky, David Shinar, Tal Oron-Gilad  
(Ben Gurion University of the Negev — *Israel*)

**10:50 AM Examining Young Novice Driver Headway Choice in a Simulated Car Following Task (90)**  
Eve Mitsopoulos-Rubens, Thomas Triggs, Michael Regan  
(Monash University Accident Research Centre — *Australia*)

**11:15 AM The Impact of an Event-Triggered Video Intervention on Rural Teenage Driving (91)**  
Daniel V. McGehee, Cher Carney, Mireille Raby, John D. Lee, Michelle L. Reyes  
(The University of Iowa)

**11:40 AM – 12:00 PM**

**CONFERENCE WRAP-UP**

Stevenson Ballroom, Skamania Lodge

**12:00 PM – 1:00 PM**

**BOX LUNCH**

Conference Center Lobby, Skamania Lodge

## **ACKNOWLEDGMENTS**

The organizers of Driving Assessment 2007 thank the following individuals and organizations for their support and advice. Without their help we could not have developed this symposium.

Generous funding to support this conference was secured by: Dr. Martin Walker and Mr. Jerry Robin, US DOT Federal Motor Carrier Safety Administration; Mr. Charles Allen and Mr. Ritchie Huang, Honda R&D Americas, Inc; Mr. Fred Lupton and Mr. David Benedict, Toyota Motor Engineering & Manufacturing, North America, Inc.; Ms. Stephanie Binder, US DOT National Highway Traffic Safety Administration; Mr. Rusty Weiss, DriveCam, Inc.; Dr. F. Thomas Dingus, Virginia Tech Transportation Institute; Drs. William Horrey and Ian Noy, Liberty Mutual Research Institute for Safety; Mr. Erik Wikstrom, Smart Eye AB; Mr. Nick Langdale-Smith, Seeing Machines; Mr. Jared Baer, 5DT, Inc.; Mr. Jeff Hayes, DriveSafety, Inc.; Dr. Nicholas Ward, University of Minnesota HumanFIRST Program; Dr. Peter Sweatman, University of Michigan Transportation Research Institute; Mr. George Park and Dr. Wade Allen, Systems Technology, Inc.; Dr. Christopher Monk, HFES Surface Transportation Technical Group; and Dr. Richard Pain, Transportation Research Board.

We thank all members of the Scientific Review Committee for their time and effort in evaluating the many abstract submissions. The Honda Outstanding Student Award Paper Review Committee deserves special thanks because each reviewed 14 full student papers.

At The University of Iowa, we thank Dr. David Forkenbrock, Director, Public Policy Center; Dr. Barry Butler, Dean, College of Engineering; Mr. Fred Streicher, Director, External Relations, College of Engineering; Dr. Peter Densen, Executive Dean, Carver College of Medicine; Mr. John Lundell, Deputy Director, Injury Prevention Research Center; Dr. Karim Abdel-Malek, Director, Center for Computer-Aided Design and National Advanced Driving Simulator; Dr. Chris Peterson Brus, Director, Women in Science and Engineering; Dr. Robert Wallace, Director, Center on Aging; Ms. Susan McClellan, Creative Media Group; Ms. Teresa Lopes, Ms. Peggy Waters, and Mr. Cole Grolmus, Public Policy Center.

Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact Kathy Holeton, Driving Assessment 2007, in advance at (319) 335-6804.