Day One

WEDNESDAY, SEPTEMBER 9, 2015
(Presentations* are 20-minutes long, plus a 10-minute Q & A – Challenge Period)

7:00-8:00 a.m. Registration—
Coffee and Continental Breakfast----

8:00-8:15 a.m. WELCOME & INTRODUCTION
Paul A. Edwards, M.D.

HOUSEKEEPING & ANNOUNCEMENTS
Moderator: David Goldman, M.D.

8:15-9:15 a.m. KEYNOTE SPEAKER:
The Mind and The Brain of the Driver and The Vehicle
Peter A. Hancock, Ph.D. (Orlando, FL)

9:15-9:45 a.m. Cognitive Fitness and Impact on Driving Outcomes
Karlene Ball, Ph.D. (Birmingham, AL)

9:45-10:15 a.m. Break

10:15-10:45 a.m. Talking to Your Car Can Drive You to Distraction
David Strayer, Ph.D. (Salt Lake City, UT)

10:45-11:45 a.m. A Population-based Study on Visual Risk Factors for Motor Vehicle Collision
Involvement in Older Drivers and Their Relevance as Screening Tests for Licensure Background, Rationale and Study Design
Cynthia Owlsley Ph.D (Birmingham AL)
Results and Conclusions
Gerald McGwin Jr.

11:45-12:45 p.m. LUNCH
Moderator: Cynthia Owlsley, Ph.D.

12:45-1:15 p.m. The LongROAD Project—A Prospective Longitudinal Cohort Study of Older Adults: An Overview
David Eby, Ph.D. (Ann Arbor, MI)

1:15-1:45 p.m. Effects of Eye Head and Shoulder Movements in Patients with Binocular Field Loss on Driving Under On-road Conditions and in a Driving Simulator—Results of the TATOO Study
Ulrich Schiefer, M.D. (Aalen, Germany)

*With the exception of Keynote Addresses
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 1:45-2:15 p.m. | Older Drivers at Intersection: Why are they at an increased risk of crashing? Can something be done about it? A two-year Follow-up Study  
Donald Fisher, Ph.D. (Amherst, MA) |
| 2:15-2:45 p.m. | Driving Performance in Older Adults with Glaucoma  
Joanne Wood, Ph.D. (Brisbane, Australia) |
| 2:45-3:15 p.m. | Improved Timely Detection of Pedestrian Hazards with Trained Use of  
Peripheral Prisms for Hemianopia  
Eli Peli, MSc. OD (Boston, MA) |
| 3:15-3:45 p.m. | Break |
| 3:45-4:15 p.m. | Naturalistic Driving and Attribution of Crash Causation  
Matt Rizzo, M.D. (Omaha, NE) |
| 4:15-4:45 p.m. | Self-Driving Vehicles: Safety Limitations and Motion Sickness  
Michael Sivak, Ph.D. (Ann Arbor, MI) |
| 6:00-9:00 p.m. | Bartimaeus Dinner |
Day Two

THURSDAY, SEPTEMBER 10, 2015
(Presentations* are 20-minutes long, plus a 10-minute Q & A – Challenge Period)

7:00-8:00 a.m.  Registration—
                Coffee and Continental Breakfast---

8:00-8:15 A.M.  HOUSEKEEPING & ANNOUNCEMENTS
                Moderator: Edward R. O’Malley, M.D.

8:15-9:15 a.m.  KEYNOTE SPEAKER:
                How Can Automotive Designers Create Change Toward Better Interaction
                Between Humans and Cars?
                Stewart Reed (Pasadena, CA)

9:15-9:45 a.m.  Control of Gaze in Driving and Walking
                Mary Hayhoe, Ph.D. (Austin, TX)

9:45-10:15 a.m.  Break

10:15-10:45 a.m.  Towards Automated Scan Pattern Analysis for Dynamic Scenes
                Judith Ungewiss, B.Sc. (Aalen, Germany)

10:45-11:15 a.m.  Car Drivers’ Visual Behavior in Curve Driving – Implications for Steering
                Models
                Otto Lappi, Ph.D. (Helsinki, Finland)

11:15-11:45 a.m.  West Virginia Driver Re-Assessment Services for Class E Drivers with Central
                Vision Loss
                Charles P. Huss, MA (Edu), C.O.M.S. (Nitre, WV)

11:45-12:45 p.m.  LUNCH

12:45-1:15 p.m.  Operator Cognition: Mental Models of Partially-Automated Driving Systems
                David Miller, M.S., Stanford University, (Stanford, CA)

1:15-1:45 p.m.  Information Architecture for In-vehicle Displays
                Tom Seder, Ph.D. (Warren, MI)

1:45-2:15 p.m.  Infusing the Future of Mobility with “Emotion”
                Jeevak Badve (Walled Lake, MI)

2:15-2:45 p.m.  Break

2:45-3:15 p.m.  “Defining Thresholds of Clinical relevance for Driving Under the Influence of
                Psychoactive Medicinal Drugs: A Comparison Between Three Studies
Assessing the Effects of Alcohol, Sleep Deprivation, and Benzodiazepines on actual Driving and Psychometric Tests
Stefan Jorgan, M.SC, Maastricht University (Maastricht, Limburg, the Netherlands)

3:15-3:45 p.m. Dilemmas on Driving in Huntington’s Disease
Ergun Uc, M.D., University of Iowa (Iowa City, IA)

3:45-4:15 p.m. Diabetes and Motor Vehicle Collision Involvement Among Older Drivers: A Prospective Population-based Study
Carrie Huisingh, MPH, University of Alabama (Birmingham, AL)

4:15-4:45 p.m. The Future of the Connected Vehicle
Kirk Steudle, Prof. Engineer (Lansing, MI)

4:45-6:00 p.m. Poster session and reception
Moderator: Joanne Wood, Ph.D.

6:00 p.m. Dinner on your own

*With the exception of Keynote Addresses
Day Three

FRIDAY, SEPTEMBER 11, 2015
(Presentations are 20-minutes long, plus a 10-minute Q & A – Challenge Period)

7:00-8:00 a.m.  Registration—
                 Coffee and Continental Breakfast----

8:00-8:15 A.M.  HOUSEKEEPING & ANNOUNCEMENTS
                 Moderator: Thomas Dennehy

8:15-9:15 a.m.  KEYNOTE SPEAKER:
                 How The Coming Evolutionary and Disruptive Changes Will Affect Your Travel
                 Valerie Shuman, VP, Industry Program (Plymouth, MI)

9:15-9:45 a.m.  Trusting Increasingly Autonomous Vehicles: Augmenting, Demanding, and
                 Relieving Visual Attention
                 John Lee, Ph.D. (Madison, WI)

9:45-10:15 a.m. Break

10:15-11:15 a.m. It’s Not All in Your Car: The Morphological and Functional Brain Architecture
                 of Professional Formula One Car Racers
                 Petro Pietrini, M.D., Ph.D. (Pisa, Italy)

11:15-11:45 a.m. An Owner’s Experience: The Vision, The Technology and The Owner
                 Bill Koch, CM, SO, Tweddle Group (Clinton Township, MI)

11:45-12:45 p.m. LUNCH and DISCUSSION FOR PLANNING 2017 TETBTA
                 Moderator: Gerald McGwin, Jr., Ph.D.