

## **AGENDA: IVTT Conference Wednesday, 1 April 09** **(NIST Green Auditorium)**

- 0800-0900** Continental Breakfast and Networking
- 0900-0915** Welcome to the Fourth Joint Military/Civilian IVTT Conference  
Presenter: Mr. Harry Scott, Acting Group Leader, Intelligent Systems Division, NIST
- 0915-0945** Intelligent Vehicle Technology Transfer: Technological and Economic Transformation  
Presenter: Dr. Robert Finkelstein, President, Robotic Technology Inc.
- 0945-1015** Intelligent Vehicle Technology in the Defense Advanced Research Projects Agency (DARPA)  
Presenter: Ms. Melanie Dumas, Information Processing Technology Office, DARPA
- 0945-1015** Intelligent Vehicles: Developments at the Robotic Systems Joint Project Office  
Presenter: Mr. Robert Wilcox, Executive Officer, Robotic Systems JPO
- 1045-1115** Break and Refreshments
- 1115-1145** Emerging Autonomous Intelligent Vehicles in the Future Combat System (FCS)  
Presenter: Mr. Glenn Rossi, Manager, Future Combat Systems Program, Boeing
- 1145-1215** Autonomous Intelligent Vehicles: Currently Operational In A Combat Environment  
Presenter: Mr. Francis Govers III, Chief Engineer, Elbit Systems of America
- 1215-1315** Lunch and Networking
- 1315- 1345** Autonomous Intelligent Vehicle Research and Development at General Dynamics  
Presenter: Mr. Charles Shoemaker, Director of Research and Development, GD Robotic Systems
- 1345-1415** Advanced Autonomous Intelligent Vehicle Technology at NIST  
Presenter: Mr. Harry Scott, Acting Group Leader, Intelligent Systems Division, NIST
- 1415-1445** Intelligent Vehicles and Vehicle Infrastructure Integration in the Department of Transportation  
Presenter: Mr. Tim Schmidt, Chief Scientist, DOT Research & Innovative Technology Admin.
- 1445-1515** Intelligent Vehicle Perception and Autonomy Technology: Now and Future  
Presenter: Dr. Osa Fitch, Program Manager for Intelligent Vehicles, iRobot Corp.
- 1515-1545** Connecting Collision Avoidance Driver Support and Autonomous Vehicle Systems  
Presenter: Dr. Tom Pilutti, Technical Expert, Ford Motor Co. Research & Advanced Eng.
- 1545-1600** Break and Refreshments
- 1600-1630** Intelligent Vehicles: Volvo Transformation and Impact  
Presenter: Mr. Paul Schmitt, Lead Engineer, Control, Systems, Volvo Technology
- 1630-1700** Autonomous Driving and Intelligent Vehicle Technology at Volkswagen  
Presenter: Dr. Dirk Langer, Volkswagen of America, Electronics Research Lab
- 1700- 1730** Automotive Autonomous Vehicle Research beyond the DARPA Grand Challenges  
Presenter: Dr. James McBride, Technical Expert, Ford Motor Co.
- 1730-1800** Questions and discussion
- 1830-2030** Networking Dinner (Delicious Buffet at the Holiday Inn)

**AGENDA: IVTT Conference Thursday, 2 April 09**  
**(NIST Green Auditorium)**

- 0800-0830** Continental Breakfast and Networking
- 0830-0900** Autonomous Driving Research after Victory in the DARPA Urban Challenge  
Dr. Raj Rajkumar, Professor, Robotics Institute, Carnegie Mellon University
- 0900-0930** Intelligent Cars, Trucks, and Buses: Technology Status and Forecast  
Presenter: Mr. Tom Kern, VP, Intelligent Transportation Society of America
- 0930-1000** Autonomous Intelligent Combat Vehicles: The Future Is Now  
Presenter: Mr. Kyle Snyder, Director of Knowledge Resources, AUVSI
- 1000-1030** Update on the Connected Vehicle Proving Center for Intelligent Vehicles  
Presenter: Mr. Scott J. McCormick, President, Connected Vehicle Association
- 1030-1045** Break and Refreshments
- 1045-1115** Intelligent Vehicle Technology Development in the Robotics Technology Consortium  
Presenter, Mr. Andy Dallas, Senior Technical Chair, Robotics Technology Consortium
- 1115-1145** Intelligent Vehicles: A Global Perspective  
Presenter: Mr. Richard Bishop, President, Bishop Consulting
- 1145-1230** Lunch and Networking
- 1230-1300** Intelligent Vehicles: Technology Gaps  
Presenter: Dr. James Albus, Senior Robotics Scientist, Robotic Technology Inc.
- 1300-1330** Developing an Autonomous Intelligent Vehicle: Towards Cognition  
Presenter: Dr. Bilal Ayyub, Professor and Director, CTSM, University of Maryland
- 1330-1430** **Plenary Discussion** with Panel of Presenters and Steering Committee Members  
**Topics:** The Technology Transfer Process; OEM and Vendor Technology Needs and Wants; State of Intelligent Vehicle Technology; Impact of Autonomous Vehicles on the Military, Automotive Industry, and Society; A Transformative Technology: Strength, Weaknesses, Opportunities, and Threats; IVTT Website Development: Needs and Wants
- 1430-1600** Tour of the Autonomous Intelligent Vehicle Laboratory at NIST
- 1600** Adjourn