

RPUG 2007 AGENDA
IALR, Danville, VA
October 15-17, 2007
(Revised September 26, 2007)

Monday, October 15th

- 9:00 – 11:30 AM **RPUG Board Meeting** *206 Boardroom*
- 9:00 AM - 12:00 PM **Exhibitor Set-up** *101 A&C*
- 11:30 AM – 12:30 PM **RPUG Board Luncheon** *206 Boardroom*
- 12:00 – 1:00 PM **Registration** *IALR Atrium*
- 12:30 – 2:00 PM **Welcome**, John Ferris, *Executive Auditorium*
Institute for Advanced Learning and Research, Executive Director, Tim Franklin
Virginia DOT, Assistant State Materials Engineer, David Kaulfers
Federal Highway Administration, Lorenzo Casanova
RPUG Board of Directors, Fred Maurer
- 2:00 – 2:30 PM **Vendor Introductions**, Fred Maurer, *Executive Auditorium*
- 2:30 – 3:00 PM **Break and refreshments in Exhibit area** *101 A&C*
- 3:00 – 5:00 PM **1st Session block, General Interest** *Executive Auditorium*
* Surface Characteristics, Bob Orthmeyer (FHWA), Mark Swanlund (FHWA)
* Pooled Fund Study, Bob Orthmeyer (FHWA)
* HPMS Update, Robert Rozycki (FHWA)
* MnRoad Mini Round-up Results, Starr Kohn (SME)
* Tire Industry Perspective, Saied Taheri (Virginia Tech), Brad Halderman (Goodyear)
- 5:00 – 5:30 PM **IALR Tour** (optional)
- 5:30 – 6:30 PM **Welcome Reception, Refreshments in Exhibit area** *101 A&C*
Dinner on own

Tuesday, October 16th

- 7:00 – 8:00 AM **Registration** *IALR Atrium*
- 8:00 – 10:00 AM **2nd Session block: Using Profile to Improve Ride** *Executive Auditorium*
* Statistical Analysis of IRI on City Street Simulation, Kevin Gaspard (Louisiana Transportation
 Research Center)
* Use of Inertial Profilers in Bridge Deck Acceptance Testing, Amy Simpson (MACTEC Engineering
 and Consulting)
* Use of ProVAL's Diamond Grinding Simulation to Predict Rideability Improvement, Brian Schleppli
 (ODOT)
* Curl/Warp Measurements and their Impact on Roughness, George Chang (Transtec)
* The FAA Profiling System and California Type Profilograph Simulation Comparisons, Injun Song
 (SRA International)
- 10:00 – 10:30 AM **Break and refreshments in Exhibit area** *101 A&C*
- 10:30 AM – 12:30 PM **3rd Session block: Verification of Profilers** *Executive Auditorium*
* Reference Profiler Benchmarking, Steve Karamihas (UMTRI)

- * FHWA Golden Footprint Study, Steve Karamihas (UMTRI)
- * Contractor Profiler Certification, Dan Radanovich (ODOT)
- * Surface Properties Consortium - 2007 Equipment Rodeo, Kevin McGhee (Virginia DOT), Gerardo Flintsch (Virginia Tech)
- * Profiler Verification - Q/A Issues and Innovations, Douglas A. Ross (Saskatchewan Highways and Transportation)

12:30 – 1:30 PM **Lunch in Exhibit area 101 A&C**

1:30 – 3:30 PM **4th Session block: Advanced Profile Analyses and Applications**
Executive Auditorium

- * 3-D Profiler Signal Processing and Validation, John B. Ferris (Virginia Tech)
- * Spectral Analysis of Factors Affecting Roughness in Flexible Pavements, M. Emin Kutay (Turner-Fairbank Highway Research Center) and Mark Swanlund (FHWA),
- * Recent developments in the measurement of surface condition on UK Roads, Alex Wright (TRL Ltd), Emma Benbow (TRL Ltd), Colin Christie (UK Highways Agency)
- * Ride Quality Measurement, Richard Wix (ARRB)
- * Laser Road Imaging System: The Effect of Different Configurations on Image Quality and Contrast, John Laurent, Jean-Francois Hebert (INO)

3:30 – 4:30 PM **Vendor Exhibits 101 A&C**

4:30 PM **Leave IALR to travel to VIR** *meet bus outside front of IALR*

5:00 – 10:00 PM **Virginia International Raceway (VIR) Entertainment and Dinner**
VIR activities 5:00 – 7:00
Reception 6:30 – 7:00
Dinner 7:00 – 8:00
Refreshments and band continues until last bus leaves at 10:00pm

Wednesday, October 17th

8:00 – 10:00 AM **5th Session block: Friction, Noise, and Texture** *Executive Auditorium*

- * The implementation of the IFI in Florida – Mike Jackson
- * Choices of Skid Resistance Equipment During Construction in California Related to CA Specification, Peter Vacura (Caltrans)
- * Tire-Pavement Noise Research at UC Davis – Erwin Kohler
- * Influence of Pavement Texture on Reference and Inertial Profiles, Carl Bertrand
- * (tentative) NASA Runway Friction Workshop – Tom Yager

10:00 – 10:30 AM **Break and Refreshments in Exhibit area 101 A&C**

10:30 AM – 12:00 PM **6th Session block: Panel Discussion** *Executive Auditorium*

- * Using profiles in planning and pavement management

12:00 PM **Conference wrap up**, and box lunch to go available to pickup outside of Executive Auditorium

PROVAL Workshop

Wednesday Afternoon and Thursday Morning

Executive Auditorium with box lunch

For details, see <http://www.roadprofile.com/index.php?q=node/284>