

21st Annual Road Profiler Users' Group Meeting

Dec. 9 to Dec. 11, 2009, Atlanta, GA

Agenda - at a Glance

Wednesday, December 9	
8:30 -11:45 AM	ProVAL 3.0 Advanced Workshop
11:45 AM-1:00 PM	Lunch on your own
1:00-2:30 PM	Session I - Welcome and Introductions
2:30-3:00 PM	Break/Vendor Exhibits
3:00-4:30 PM	Session II - Research and Standardization Initiatives
4:30-5:15 PM	Session III - RPUG Open Steering Committee Meeting
6:00 PM	Ice Breaker Reception
Thursday, December 10	
7:00-8:00 AM	Breakfast
8:00-10:00 AM	Session IV - Benchmark Profiler Experiment
10:00-10:30 AM	Break/Vendor Exhibits
10:30 AM-12:00 PM	Session V - Texture/Noise/Friction
12:00-1:00 PM	Lunch
1:00-2:45 PM	Session VI - Profile Measurement and Analysis
2:45-3:15 PM	Break/Vendor Exhibits
3:15-5:00 PM	Session VII - Pavement Evaluation Equipment
Friday, December 11	
7:00-8:00 AM	Breakfast
8:00-9:45 AM	Session VIII – Profiler Certification and Construction QA/QC (1/2)
9:45-10:15 AM	Break/Vendor Exhibits
10:15 AM-12:00 PM	Session IX – Profiler Certification and Construction QA/QC (2/2)
12:00-1:00 PM	Lunch on Your Own
1:00-4:30 PM	ProVAL 3.0 QA/QC Workshop

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Day 1 - Wednesday, December 9, 2009

ProVAL 3.0 Advanced Workshop	
8:30 – 11:45 AM	This is a ProVAL workshop on advanced topics such as filtering and PSD, etc. It is limited to 40 participants. Sign up early – sign up often.
11:45 AM – 1:00 PM	Lunch On Your Own
Session I Welcome and Introductions Speakers: Kevin McGhee and GDOT	
1:00 – 2:30 PM	This session kicks off the meeting by introducing RPUG and describing important changes to the organization, and providing a chance for this year's vendors to introduce themselves. The session also sets the stage for the meeting by discussing the context in which pavement surface characteristic data are used.
2:30 – 3:00 PM	Break – Visit Exhibitors
Session II Research and Standardization Initiatives Moderator: GDOT	
3:00 – 3:30 PM	Pooled Fund Study TPF-5(063) and FHWA Surface Characteristics Program Update (Bob Orthmeyer, FHWA)
3:30 – 4:00 PM	CP Road Map and the Concrete Pavement Surface Characteristics Program (Rob Rasmussen, Transtec Group)
4:00 – 4:30 PM	Update of the ACPA Surface Characteristics Research Program (Larry Scofield, ACPA)
Session III RPUG Open Steering Committee Meeting Moderator: Kevin McGhee – RPUG President – Virginia DOT	
4:30 – 5:15 PM	In this meeting, we will discuss the future of the RPUG organization.
5:15 PM	Adjourn

6:00 PM

Ice Breaker Reception

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Day 2 - Thursday, December 10, 2009

7:00 – 8:00 AM

Breakfast

Session IV	
Benchmark Profiler Experiment	
Moderator: John Andrews, MD SHA	
8:00 – 10:00AM	Benchmark Profiler Experiment Virginia Technical University Reference Profiler (John Ferris, VT) APR Auto Rod and Level as a Reference Profiler (Mike Freeman, APR) SSI Reference Profiler (TBA) ICC Reference Profiler (TBA) Benchmark Road Profiler Testing Results (Steve Karamihas, UMTRI)
10:00 – 10:30 AM	Break – Visit Exhibitors
Session V	
Texture/Noise/Friction	
Moderator: Brian Schleppi, ODOT	
10:30 – 11:00 AM	Developing a Research-Level Protocol and Software for the Michigan DOT Prototype Pavement Surface Texture Laser Profiler (Christopher R. Byrum, SME)
11:00 – 11:30 PM	Connecting Texture and Tire-Pavement Noise (Rob Rasmussen, Transtec Group)
11:30 – 12:00 PM	Speed Adjustment Factors for the Locked-Wheel Skid Trailer (Shahriar Najafi, VT)
12:00 – 1:00 PM	Lunch

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Day 2 - Thursday, December 10, 2009 (Cont)

Session VI	
Profile Measurement and Analysis	
Moderator: James Watkins, MSDOT	
1:05 – 1:30 PM	Evaluation of Faulting and the Effectiveness of Dowel Bars at Pavement Joints Using Rapid Travel Profilers for the FHWA LTPP GPS3 Jointed Concrete Pavement Test Sites (Christopher R. Byrum, SME)
1:30 – 1:55 PM	Painless Transition from ProVAL 2.7 to ProVAL 3.0 (George Chang, Transtec Group)
1:55 – 2:20 PM	Road Profile Data Quality Control (Leif Sjögren, VTI, Sweden)
2:20 – 2:45 PM	Development of A New Pavement Distress Evaluation Guide for Ontario Ministry of Transportation (Li Ningyuan, MTO, Canada)
2:45 – 3:15 PM	Break – Visit Exhibitors
Session VII	
Pavement Evaluation Equipment	
Moderator: Anita Bush, NVDOT	
3:15 – 3:40 PM	Use of Video Imaging for a Road Safety Project in Vietnam (Richard Wix, ARRB, Australia)
3:40 – 4:05 PM	Validation of the Rolling Straightedge Simulation Performed on the Data Collected by an Inertial Profiler (Rohan Perera, SME)
4:05 – 4:30 PM	Removing Drift from Inertial Navigation System Measurements (John Ferris, VT)
4:30 – 4:55 PM	Laser Crack Measurement System (John Laurent, INO, Canada)
5:00 PM	Adjourn

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Day 3 - Friday, December 11, 2009

7:00 – 8:00 AM

Breakfast

Session VIII	
Profiler Certification and Construction QA/QC (1 of 2)	
Moderator: Magdy Mikhail, TXDOT	
8:00 – 8:30 AM	"Smooth Ride?" Contractor Performed Tests in the Quality-Assurance Process: The Nevada Experience (Nathan Hale, NVDOT)
8:30 – 9:00 AM	Preliminary Result from the Profiler Certification Exercise at the Virginia Smart Road (Sameer Shetty, VT)
9:00 – 9:30 AM	HPMS Program Update (Robert Rozycki, FHWA)
9:30 – 10:00 AM	Break
Session IX	
Profiler Certification and Construction QA/QC (2 of 2)	
Moderator: Terry Treutel, WisDOT	
10:00 AM – noon	Open panel meeting on "Practitioners' Review of Smoothness Incentive Programs" Speakers: Matt Ross (Penhall), Doug Lewis (Central Atlantic Contracting), TBA (VDOT), and Steve Karamihas (UMTRI).
12:00 PM	Adjourn RPUG Meeting
12:00 – 1:00 PM	Lunch on Your Own
ProVAL 3.0 QA/QC Workshop	
1:00 – 4:30 PM	In this session, learn the basic function of ProVAL 3.0 and how to evaluate new construction QA/QC profiles for localized defects, periodic roughness, and potential measurement quality problems with practical examples. This is limited to 40 participants. Enroll today!!