

**20th Annual Road Profiler User's Group Meeting
Austin, Texas**

Agenda WITH LINKS TO PRESENTATIONS

Updated: 10/15/08

Monday, October 27, 2008

7:00 a.m. Meeting Registration Opens – Upper Foyer
Exhibits Open – Upper & Lower Foyer

Session I Welcome and Introductions Moderator: Doug Chalman – Texas DOT	
<p>8:00 a.m. – 8:40 a.m. Welcome to Austin, Texas Amadeo Saenz, Executive Director, Texas DOT</p> <p>Thomas Bohuslav, Construction Division Director, Texas DOT</p> <p>Bob Orthmeyer, FHWA</p> <p>Starr Kohn – RPUG President – Soil and Materials Engineers, Inc.</p> <p>8:40 a.m. – 10:00 a.m. Housekeeping & Introductions Doug Chalman, Host, Texas DOT</p>	<p>Notes</p>
<p>10:00 – 10:30 Break – Visit Exhibitors</p>	
Session II Research and Standardization Initiatives Moderator: Kevin McGhee – Virginia DOT	
<p>10:30 a.m. – 11:00 a.m. <u>Surface Characteristics Research Update</u> Bob Orthmeyer – FHWA</p> <p>11:00 a.m. – 11:30 a.m. <u>Pooled Fund Study Accomplishments, Status, Update, Future</u> Brian Schleppi – Ohio DOT</p> <p>11:30 a.m. – 12:00 p.m. <u>Overview of ASTM and the E17 Vehicle Pavement-Systems Committee</u> Dan Smith – ASTM International</p>	<p>Notes</p>
<p>12:00 p.m. – 1:00 p.m. Lunch – Omni D, E, F</p>	

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Session III Network Roughness Data Collection Moderator: Bob Orthmeyer – FHWA	
<p>1:00 p.m. – 1:30 p.m. <u>HPMS IRI Trends and Future Reassessment Benefits</u> Robert Rozycki – FHWA</p> <p>1:30 p.m. – 2:00 p.m. <u>Data Collection in Cleveland, Lessons Learned in an Urban Environment</u> Chuck Larson – Stantec Consulting</p> <p>2:00 p.m. – 2:30 p.m. <u>Summary of the EU Northern Periphery Research on Health Issues Related to Poorly Maintained Road Networks</u> Johan Grunland – Swedish Road Administration, Consulting Services</p>	<p>Notes</p>
2:30 p.m. – 3:00 p.m. Break – Visit Exhibitors	
<p>3:00 p.m. – 4:00 p.m. <u>Investigations of Texture Effects on Ride Quality Measurements</u> Emmanuel Fernando – Texas Transportation Institute Roger Walker – University of Texas – Arlington</p> <p>4:00 p.m. Meeting adjourned</p>	<p>Notes</p>
4:00 p.m. – 5:00 p.m. Visit Exhibitors	
4:45 p.m. – 5:30 p.m. Load Busses for Lake Austin Dinner Boat Cruise	

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Session IV Imaging, Noise, Radar Moderator: George Chang – The Transtec Group, Inc.	
<p>8:00 a.m. – 8:30 a.m. <u>Digital Images – More than Just Pictures</u> Richard Wix – ARRB Group Ltd.</p> <p>8:30 a.m. – 9:00 a.m. <u>Automated Cracking Survey and Multi-Function Vehicle</u> Kelvin Wang – University of Arkansas</p> <p>9:00 a.m. – 9:30 a.m. <u>OBSI and How it is Being Used in Texas</u> John Wirth – Texas DOT</p> <p>9:30 a.m. – 10:00 a.m. <u>Nite II: Noise Intensity Testing in Europe, the Sequel</u> Robert Whirledge – The Transtec Group, Inc.</p>	<p>Notes</p>
10:00 a.m. – 10:30 a.m.	Break
<p>10:30 a.m. – 11:00 a.m. <u>Application of GPR for Forensic/ Rehab Projects</u> Dar Hao Chen – Texas DOT</p> <p>11:00 a.m. – 12:00 p.m. <i>RPUG Member Meeting</i> Starr Kohn – RPUG President – Soil and Materials Engineers, Inc.</p>	<p>Notes</p>
12:00 p.m. – 1:00 p.m.	Lunch – Omni D, E, F

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Session V Equipment Innovations, Practices Moderator: John Andrews – Maryland State Highway Administration	
<p>1:00 p.m. – 1:30 p.m. <u>The Ultra-light Inertial Profiler: A New Approach in the Study of Macrotecture</u> Andre Smit – Center for Transportation Research Alessandra Bianchini – National Center for Asphalt Technology</p> <p>1:30 p.m. – 2:00 p.m. <u>NCHRP 20-24(37B) Comparative Performance Measurement</u> Steve Karamihas – University of Michigan</p> <p>2:00 p.m. – 2:30 p.m. <u>An Approach to Developing a Reference Profiler</u> Trey Smith – Virginia Tech University</p> <p>2:30 p.m. – 3:00 p.m. <u>Golden Footprint Study Update</u> Steve Karamihas – University of Michigan</p>	<p>Notes</p>
<p>3:00 p.m. – 3:30 p.m. Break</p>	
Session VI Profile Data Processing Moderator: Dan Howe – LMI Technologies	
<p>3:30 p.m. – 4:00 p.m. <u>Smoothness for WIM</u> Dar Hao Chen – Texas DOT</p> <p>4:00 p.m. – 4:30 p.m. <u>Roughness Index Computations by Straightedge Type Measurements in ProFAA</u> Injun Song – SRA International, Inc.</p> <p>4:30 p.m. – 5:00 p.m. <u>Estimate Faulting and Evaluate Joint Functionality of Jointed Concrete Pavements Using Profile Data</u> George Chang – The Transtec Group, Inc.</p> <p>5:00 p.m. Meeting Adjourned</p>	<p>Notes</p>
<p>5:00 p.m. – 5:30 p.m. Load Busses for Cedar Street</p>	

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Session VII Construction QA/QC Applications Moderator: Brian Schleppe – Ohio DOT	
<p>8:00 a.m. – 8:30 a.m. <u>Use of Profile Data to Detect Concrete Paving Problems</u> Rohan Perera – Soil and Materials Engineers, Inc.</p> <p>8:30 a.m. – 9:00 a.m. <u>Construction of Smooth Asphalt Pavements</u> Amy Simpson – MACTEC Engineering and Consulting, Inc.</p> <p>9:00 a.m. – 9:30 a.m. <u>Achieving Smooth Pavements – A Contractor's Perspective</u> John Bartoszek – Payne and Dolan, Inc.</p> <p>9:30 a.m. – 10:00 a.m. <u>WisDOT Experience with Profiler Certifications, Ride Spec's</u> Terry Treutel – Wisconsin DOT</p>	Notes
10:00 a.m. – 10:30 a.m. Break	
Session VIII Friction, Pavement Condition Moderator: Starr Kohn – RPUG President – Soil and Materials Engineers, Inc.	
<p>10:30 a.m. – 11:00 a.m. <u>The INDOT Friction Test Program: Calibration, Testing, Data Management, and Application</u> Shuo Li – Indiana DOT</p> <p>11:00 a.m. – 11:30 a.m. <u>Rationalize Ontario Pavement Condition Evaluation and Data Collection Procedures towards Automation</u> Li Ningyuan – Ontario MTO</p> <p>11:30 a.m. – 12:00 p.m. <i>Pavement Surface Consortium – Friction Equipment Comparison and Determination of IFI Coefficients</i> Edgar de León – Virginia Tech Transportation Institute</p> <p>12:00 p.m. <i>Meeting Adjourned</i></p>	Notes
12:00 p.m. – 1:00 p.m. Lunch on your own	