



2009 ODOT-OTC TRANSPORTATION RESEARCH DAY

Wednesday, October 7, 2009

ODOT Commission Room

200 N.E. 21st Street, Oklahoma City, Oklahoma

- 8:00 am Continental breakfast (Foyer, provided by OTC)
- 8:30 am *Welcome (ODOT)* by Gary Ridley, Oklahoma Secretary of Transportation
Welcome and Opening Remarks (OTC) by Tony Dark, OTC Executive Director
- 8:45 am *Program Introduction/Format* by Ginger McGovern, Moderator of Technical Session 1
- 8:50 am Invited Lecture: *"Opportunities, Partnerships, and Rewards in Transportation Education and Research"* by Shashi Nambisan, Director, Institute for Transportation, Iowa State University
- Technical Session 1**
- 9:20 am *"Use of MSE Technology to Stabilize Highway Embankments and Slopes in Oklahoma"* by Kianoosh Hatami, OU
- 9:40 am *"Influence of Suction Stress History on Resilient Modulus"* by Gerald Miller, OU
- 10:00 am *"Bonded HMA Pavements"* by Todd Thomas, Road Science, LLC
- 10:20 am **Break**
- 10:35 am *"Recent Advances in Roadside Vegetation Management"* by Craig Evans, OSU
- 11:00 am *"The Formation of the Oklahoma Minority Trucking Cooperative"* by Wilson Brewer and Nancy Alexander, LU
- 11:20 am **Poster Presentation and Lunch** (Foyer, Lunch provided by OTC)
- 1:30 pm *Introduction of Afternoon Session* by Musharraf Zaman, Moderator of Technical Session 2
- Technical Session 2**
- 1:35 pm *"Warm Mix Asphalt QC Study"* by Steve Cross, OSU
- 1:55 pm *"Passive Wireless Corrosion Sensor"* by Tyler Ley, OSU
- 2:15 pm *"Instrumentation and Performance Monitoring of a Test Section on I-35"* by Pranshoo Solanki, Musharraf Zaman and K. Muraleetharan, OU
- 2:35 pm *"Field Research in Oklahoma"* by Caleb Riemer, ODOT
- 2:55 pm **Break**
- 3:10 pm *Research Needs Assessment* led by Nancy Barrett, Moderator of Technical Session 3
- 4:15 pm Adjourn

Poster Presentations:

- "Influence of Suction Stress History on Resilient Modulus"* by Gerald Miller, OU
- "Quantifying the Benefits of Pavement Preservation"* by Douglas Gransberg and Dominique Pittenger, OU
- "Relief of Reinforcing Congestion in Concrete Bridges Using Steel Fibers, Headed Bars and Self-Consolidating Concrete"* by Thomas Kang, OU
- "MEPDG Input Parameters for Oklahoma Soils"* by Zahid Hossain, Curtis Doiron and Musharraf Zaman, OU
- "Use of MSE Technology to Stabilize Highway Embankments in Oklahoma"* by Kianoosh Hatami, OU
- "Intelligent Asphalt Compaction: Quality and Statistical Measures,"* Sesh Commuri, Anh Mai and Dharamveer Singh, OU
- "Field Performance Monitoring and Modeling of Instrumented Pavement in McLain County"* by Pranshoo Solanki, Nur Hossain, Marc Briedy and K. Muraleetharan, OU
- "Wireless Sensor Packaging for Monitoring of Highway Bridges"* by Lin Tang and Rami Akkari, OU
- "Structural Identification of a Real-World Shear-Critical Prestressed Concrete Highway Bridge"* by Randy Martin and Luther White, OU