

Tentative Agenda – 1/18/2018

* indicates tentative topic & speaker (unofficially confirmed)

Tuesday, February 13, 2018 (1:00 PM – 5:00 PM)

- CREATES at Rowan University Construction Materials & Pavement Research – *Dr. Ayman Ali*
- FHWA Infrastructure Research & Development – *Cheryl Allen Richter*
- Getting to Craft Development – *Bruce Wilkinson & Jackie Bonner*
- Rehabilitation of I-95 Project Overview – *Jason Hastings*
- Understanding & Implementing the New Silica Standard – *Eileen P. Betit & Mary K. Fletcher*

Thursday February 15, 2018 (8:30 AM – 12:30 PM)

- Maryland 404 Soil Cement – *Bryan Smith, Fred Valente, Roberto Barecena*
- Exorcising the Seven Deadly Data Sins – *Peter Aiken*
- US 301 Construction Overview – *Javier Torrijos*
- Central Susquehanna Valley Transportation Project – *Ted Deptula*
- State of Intelligent Compaction & Implementation – *Mike Arasteh**

Wednesday, February 14, 2018 (8:30 AM – 5:00 PM)

Asphalt Session:

- Double Drum Milling – *Kyle Hammon**
- Ground Tire Rubber – *Bruce Rideout**
- Asphalt Additives – *Allen Smith**
- 76E - 28 – *Bob Kluttz**
- WMA Initiative – *Leslie McCarthy**
- Moisture Measurement System – *Constatine Stavrou**
- VEA Polymer – *Joanna Peralta**

Concrete Session:

- Codes and Standards Requirements for Acceptance Testing – *Phil Kresge*
- North Street (precast and cast in place) – *Mark Buckalew & Joe Hofstee**
- Accelerated Bridge Construction Methods for Bridge 1-438 Replacement – *Nick Dean & Craig Stevens*
- Alkali-Carbonate Reaction - An Ongoing Study – *Steven Tritsch*
- Polymer Additives to Concrete Pavement – *Lu Huang**
- I-85 Georgia Bridge – *TBD**
- Joint Deterioration - Cause & Mitigation – *Steven Tritsch*
- Low Shrinkage Fiber Reinforced Concrete for Improved Crack Control & Durability – *Bill Lyons*

Metals:

- Back to Basics: High Strength Bolting, New Tools to Insure Quality – *Bruce Abernathy**
- Steel Mill Quality – *Joe Bracken**
- Liberty Bridge Incident – *Bob Statche*|*
- Back to Basics: Non-Destructive Testing (New and Improved Processes) – *Bob Statchel & Bill Via**
- AISC Certifications, Deficiency Resolution Process – *Bruce Abernathy**
- Thermal Imaging for Coating Assessments – *Joe Bracken**
- Welding Procedure Qualifications, Doing the job Right – *Dan DeMaria**

Maintenance & Asset Management:

- Current Pavement Management Initiatives of Delaware DOT – *Aaron Gerber*
- Stressed about Distress? Calibrating Our Way to Quality in Automated Pavement Data Collection – *Katherine Keegan*
- Transportation Asset Management Plans - Next Steps – *Butch Wlaschin*
- More Youthful Pavement with Preventive Preservation – *Ken Holton & Dave Buynak*
- Long Term Solutions to Roadway Repairs with Minimal Traffic Disruption - Jointed Precast Concrete Pavement – *Evan Gurley*
- Longitudinal Joint Preservation and More – *Ken Holton & Dave Buynak*

Soils & Aggregates:

- Christina River Bridge & Approaches – *Bibek Shrestha*
- Using the CPT to Supplement Subsurface Exploration Programs – *Meghan Lester*
- Downdrag on Driven Piles, DelDOT BDM approach; Case History from US 301 – *Paul Moffitt*
- Drilled Shafts: Design, Construction, QA/QC testing – *Sebastian Lobo-Guerrero*
- Sustainable Piling Made of Recycled Polymers, A State of the Art Review – *Magued Iskander*
- Foamed Glass Aggregate: A "New" and Unique Lightweight Fill – *Archie Filshill*
- Design and Construction of a Geosynthetic Sinkhole Safety Net – *Kerry Petrasic*