



61st ANNUAL ASPHALT CONFERENCE

Tuesday, November 27, 2018
St. Pat's Ballroom, Havener Center

- 7:00 a.m. **REGISTRATION**
Miner Lounge
COFFEE, JUICE, and PASTRY & EXHIBITORS
Meramec-Gasconade Room
- 8:00 a.m. **WELCOME**
Dave Richardson, PE, PhD *Dept. of CArE Engr, Materials Area*
Joel Burken, PE, PhD *Dept. of Civil, Arch., & Env. Engineering - Chair*
- FIRST SESSION: MAINTENANCE**
Moderator: Brett Trautman, PE *MoDOT*
- 8:15-8:45 a.m. **ASPHALT PAVEMENT EVALUATION, RATING, & TREATMENTS**
Jesse Jonas, PE
Horner & Shifrin, Inc.
- 8:45-9:15 a.m. **FULL DEPTH RECLAMATION IN MISSOURI**
Tom Kiernan
LafargeHolcim
- 9:15-9:45 a.m. **REDUCED TRACKING TACK/
ALTERNATIVES TO HARD PENETRATION ASPHALT IN TRACKLESS TACK**
TBA
- 9:45-10:00 a.m. **REFRESHMENT BREAK**
Meramec-Gasconade Room
- 10:00-10:30 a.m. **RAP QUALITY/RAP SPECIFIC GRAVITY**
Buzz Powell, PE, PhD
NCAT
- 10:30-11:00 a.m. **ROADRESOURCE.ORG – TOOLS FOR SMARTER ROAD NETWORK MANAGEMENT**
Grace Stansbery
Vario Marketing
- 11:00-11:30 a.m. **BOND TESTING OF HMA TACK COATS – KANSAS EXPERIENCE**
Blair Heptig, PE
Kansas DOT
- 11:30-12:00 noon **SAFETY DESIGN/BUILD CASE HISTORIES**
Steve Jackson, PE
N.B. West Contracting
- 12:00 Noon **FIRST SESSION ADJOURNS**
Lunch on your own

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SECOND SESSION: CONSTRUCTION & EQUIPMENT
Moderator: Daryl Hampel *City of St. Charles*

- 1:30-2:00 p.m. **BEST PAVING PRACTICES FOR SMALL-SCALE OPERATIONS**
Kevin Klette
Byrne & Jones Construction
- 2:00-2:30 p.m. **INTELLIGENT COMPACTION UPDATE**
Susan Green
Caterpillar Global Paving
- 2:30-3:00 p.m. **MODOT'S INCREASED DENSITY INITIATIVE-PHASE II**
Dan Oesch, PE *MoDOT*
Brent Whitwell, PE *Pace Construction*
- 3:00-3:15 p.m. **REFRESHMENT BREAK**
Missouri-Ozark Room
- 3:15-3:45 p.m. **PAVING MACHINE MAINTENANCE**
Larry Spring
Volvo Paving Consultant
- 3:45-4:15 p.m. **PLANTS, EQUIPMENT, SOFTWARE, & TRAINING FOR THE NEXT GENERATION**
Steve Jackson, PE
N.B. West Contracting
- 4:15 p.m. **SECOND SESSION ADJOURNS**
COMPLIMENTARY / CASH BAR
MATERIALS LAB TOURS
Atrium, Butler-Carlton Hall

Wednesday, November 28, 2018

St. Pat's Ballroom, Havener Center

7:30 a.m.

COFFEE, JUICE, and DANISH & EXHIBITORS

Meramec-Gasconade Room

THIRD SESSION:

DESIGN / SPECIFICATION UPDATE / MATERIALS

Moderator: Jeff Huffman *N.B West Contracting*

8:00-8:30 a.m.

BASIC QUARRY OPERATIONS: Effects on Asphalt Mix

Justin Duty

Hutchens Construction

8:30-9:30 a.m.

MODOT UPDATE:

Construction Workforce Program

Binder Matrix Testing Evaluation

NRRA Flexible Team Research

Performance Testing in Missouri S&T

Intelligent Compaction & Infrared Scanner Update

Zainab Jasim

Dan Oesch, PE

Dan Oesch, PE

Dan Oesch, PE

Dan Oesch, PE

9:30-10:00 a.m.

PERFORMANCE RELATED SPECIFICATIONS

David Mensching, PE, PhD

Turner-Fairbank Highway Research Center, FHWA

10:00-10:15 a.m.

REFRESHMENT BREAK

Meramec-Gasconade Room

10:15-10:30 a.m.

MAPA UPDATE

Dale Williams, PE

Missouri Asphalt Pavement Association

10:30-11:00 a.m.

**EFFECTS OF POLYPHOSPHORIC ACID BINDER MODIFICATION
ON ASPHALT ADDITIVES**

Richard Steger

Ingevity

11:00-11:30 a.m.

FULL IMPLEMENTATION OF M332 (MSCR) SPECIFICATION

Wayne Jones, PE

Asphalt Institute

11:30 a.m.-12:00 p.m.

PERFORMANCE TESTING/VALIDATION OF MIXES

Bill Butler, PE, PhD

University of Missouri-Columbia

Noon

CONCLUDING REMARKS

Dave Richardson, PE, PhD

Missouri S&T

CONFERENCE ADJOURNS