

# Locomotive Maintenance Officers Association Technical Program Schedule



Held in Conjunction with Railway Interchange 2017  
September 17 - 20, 2017 | Indianapolis, IN



## Sunday, September 17

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### Railway Interchange 2017 General Schedule

9:00 AM – 5:00 PM      Event Registration  
1:00 PM – 5:00 PM      Exhibit Hall Open  
   Reception 3:30 – 6:00pm

## Monday, September 18

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### Railway Interchange 2017 General Schedule

6:45 AM – 6:00 PM      Event Registration  
7:30 – 8:50 AM          General Session & Keynote  
8:50 – 9:20 AM          Coffee Break (500 Ballroom)  
9:30 AM – 6:00 PM      Exhibit Hall Open  
   Lunch 11:30am – 1:30pm, Reception 4:30 – 6:00pm

### LMOA Conference Schedule

Room 130

**10:00 AM      Mechanical Maintenance Committee – Chair Tim Standish, Progress Rail**

1. **Emission Kits** - Tim Standish, Progress Rail, A Caterpillar Company
2. **Energy Loss of Compressed Air Systems** - Jeff Brunson, LinkUp International
3. **Dash 9 DC to AC Conversion** - Mark Duve, Norfolk Southern
4. **Water Treatment of Cooling System** - Casey Shepherd, Arkansas & Missouri
5. **Extending Lifetime of Components** - Mark Duve, Norfolk Southern
6. **Locomotive Starter Abutment Overview** - Tom Casper, PowerRail Distribution Inc.

**12 NOON      Lunch – Exhibit Hall**

### LMOA Conference Afternoon Sessions

Room 130

**1:15 PM      State of the Union Address – LMOA President Jeff Cutright**

**1:30 PM      Fuel, Lubricants & Environmental Committee – Chair Virginia Wiszniewski, Exxon-Mobil**

1. **One Size Fits All? Clarifying Standards for Fueling Infrastructure/Overfill Protection, A UP Initiative** - Hillary Parker, Union Pacific
2. **Oil Analysis Survey** - Dwight Beebe, Temple Engineering
3. **Failures Resulting from Misunderstanding of Used Oil Data, Locomotives and the Trouble with Trending** - Dennis McAndrew, McAndrew & Associates
4. **Causes and Cures for HPCR Deposits** - Rick Chapman, Innospec

5. **Diesel Fuel Cleanliness-Application of the ISO 4406 Particulate Contamination Codes** - Jonathan George, Parker Filtration, Canada
6. **Renewable Diesel Fuel** - Virginia Wiszniewski, Exxon-Mobil

**3:15 PM 15 Minute Break – View Exhibits**

**3:30 PM Locomotive Software and Systems Committee** - Chair Tom Mack, VeRail Technologies

1. **The Connected Locomotive** - Viktor Gvelesiani, ZTR Control Systems
2. **Sensors and Instrumentations on Locomotives, A Railroad Case Study** - Yousef Abdel Moty, CSX Transportation
3. **Design and Safety Analysis of Safety-Critical Electronic Locomotive Control Systems** - Adam Bennett, R J Corman Railpower Locomotives

**5:00 PM Adjourn for the day**

**Tuesday, September 19**

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Railway Interchange 2017 General Schedule

7:00 AM – 2:00 PM      Event Registration  
 8:00 AM – 3:00 PM      Exhibit Hall Open  
                                  Breakfast 8:00am – 10:00am, Lunch 11:30 – 1:30pm

LMOA Conference Sessions Room 130

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**8:30 AM LMOA Business, Acceptance Speech** - Newly Elected President Dwight Beebe

**8:45 AM Electrical Maintenance Committee** - Chair Keith Mellin, Peaker Services

1. **A Study of Locomotive Battery Charging and Performance** - Jason Fox, Union Pacific Railroad and Gibson Barbee, Norfolk Southern
2. **We Didn't Start the Fire, Best Practices for Inverter Cooling Management** - Peter Scholtens, TMV Control
3. **Troubleshooting the Excitation Circuit on an EMD SD40-2** - Randell Honc, Southwest Research Institute and Shane Sledge, Norfolk Southern
4. **Automatic Engine Start Stop (AESS)** - Mike Drylie, Retired CSX

**10:30 AM 15 Minute Break**

**10:45 AM Facilities, Material and Support Committee** - Chair Bill Peterman, Peterman Railway Technologies

1. **Ultrasonic Testing of Wheelsets for Below Surface Cracks, AAR Potential Mandate** - Speaker TBA
2. **Electric Car Mover Batteries, Proper Method to Charge/Prolong Life** - Speaker TBA

**LMOA will reconvene at the RSI/CMA 2018 Rail Expo & Technical Conference on Sept 9-11, 2018 in Nashville, Tennessee**

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