Locomotive Maintenance Officers Association  
Technical Program Schedule  

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

Sunday, September 17

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

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

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  

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

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**Tuesday, September 19**

**Railway Interchange 2017 General Schedule**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 AM – 2:00 PM</td>
<td>Event Registration</td>
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<tr>
<td>8:00 AM – 3:00 PM</td>
<td>Exhibit Hall Open</td>
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<td></td>
<td>Breakfast 8:00am – 10:00am, Lunch 11:30 – 1:30pm</td>
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**LMOA Conference Sessions**  
**Room 130**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td><strong>8:30 AM</strong></td>
<td><strong>LMOA Business, Acceptance Speech</strong> - Newly Elected President Dwight Beebe</td>
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<td><strong>8:45 AM</strong></td>
<td><strong>Electrical Maintenance Committee</strong> - Chair Keith Mellin, Peaker Services</td>
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<td>1. <strong>A Study of Locomotive Battery Charging and Performance</strong> - Jason Fox, Union Pacific Railroad and Gibson Barbee, Norfolk Southern</td>
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<td>2. <strong>We Didn’t Start the Fire, Best Practices for Inverter Cooling Management</strong> - Peter Scholtens, TMV Control</td>
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<td>3. <strong>Troubleshooting the Excitation Circuit on an EMD SD40-2</strong> - Randell Honc, Southwest Research Institute and Shane Sledge, Norfolk Southern</td>
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<td>4. <strong>Automatic Engine Start Stop (AESS)</strong> - Mike Drylie, Retired CSX</td>
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<td><strong>10:30 AM</strong></td>
<td><strong>15 Minute Break</strong></td>
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<td><strong>10:45 AM</strong></td>
<td><strong>Facilities, Material and Support Committee</strong> - Chair Bill Peterman, Peterman Railway Technologies</td>
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<td>1. <strong>Ultrasonic Testing of Wheelsets for Below Surface Cracks, AAR Potential Mandate</strong> - Speaker TBA</td>
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<td>2. <strong>Electric Car Mover Batteries, Proper Method to Charge/Prolong Life</strong> - Speaker TBA</td>
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LMOA will reconvene at the RSI/CMA 2018 Rail Expo & Technical Conference on Sept 9-11, 2018 in Nashville, Tennessee

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