

LMOA Technical/Educational Program

Railway Interchange 2025
Indiana Convention Center, Indianapolis, IN

Tuesday, May 20, 2025

- **2:00 PM – 6:00 PM:** Exhibit Hall Open
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Wednesday, May 21, 2025

- **8:00 AM – 9:00 AM:** Breakfast in Expo Hall
 - **9:00 AM – 10:15 AM:** Keynote Speaker
 - **10:30 AM – 10:40 AM:** LMOA President Corey Ruch, BNSF – Opening Remarks & State of the Union Address
 - **10:45 AM – 12:00 PM: Fuel Lubricants and Environmental Committee** – Chair Chris Miller, WABTEC
 - *Gaseous Fuel - Fungibility, Carbon and End Users* – Tom Mack, Zero-Emission Locomotive Technologies
 - *Future of Locomotive Engine Oil(s) for Flexible Fueling* – Tom Gallagher, Chevron
 - *Hydrogen Infrastructure and Refueling Analysis for Rail Industry – A North American Perspective* – Rajani Modiyani, Chevron
 - **1:00 PM – 2:30 PM: Mechanical Maintenance Committee** – Chair Frank Jalili, Frank Jalili Consultant, LLC
 - *Crack Monitoring on FDL16E Engine Crankshaft* – Flavio Arrigoni Pazini, Progress Rail-Brazil
 - *System Cleanliness (Engine Lube Oil, Air, Water, and Fuel)* – Tim Standish, Progress Rail
 - *Fuel Spill Protection – Best Practices Update* – Michael Cleveland, Peaker Services, and Allen Beitel, BNSF
 - *First Article Inspection Process – Best Practice* – Tom Kennedy, Kennedy Rail Consulting
 - **2:30 PM – 3:00 PM:** Break
 - **3:00 PM – 4:15 PM: Facilities, Material, and Support Committee** – Chair Tim Bernat, Powerhouse Rail
 - *Best Practices in Tool Management* – Jason Mann, ENERPAC, and Andrew Waltz, Mid America Car, Inc.
 - *Remanufacturing in the Railway Industry* – Brandon Teal, NSH-USA
 - **4:30 PM – 6:00 PM:** Adjourn – Reception in Expo Hall
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Thursday, May 22, 2025

- **9:00 AM – 10:30 AM: Electrical Maintenance Committee** – Chair Brent Brown, Transportation Products Sales Company
 - *Diesel Electric AC Locomotives* – Randell Honc, Southwest Research Institute
 - *Enhancing Locomotive Reliability Through Auxiliary Power Integration* – David Caron, Ekyrail Enterprises
 - *Locomotive Wiring and Governing Specifications* – Gil Shoshani, Marmon Industrial Energy and Infrastructure
 - *Single Pair Ethernet (SPE)* – Raul Huerta, Harting Americas
- **10:30 AM:** Adjourn till 2026