RAILWAY INTERCHANGE 2023

INDIANAPOLIS, IN

LMOA TECHNICAL/EDUCATIONAL PROGRAM

TUESDAY, OCTOBER 3, 2023

7:30 AM – 9:15 AM BREAKFAST

9:15 AM - 10:30 AM FACILITIES, MATERIAL AND SUPPORT COMMITTEE-CHAIR BRANDON TEAL, NSH-USA

1. MATERIAL STOREROOM INNOVATIONS-ROB HODGE, INDUSTRIAL, MAINTENANCE AND ENGINEERING
2. OVERCOMING SUPPLY CHAIN ISSUES-JOSH FIGURSKI, WHEELING & LAKE ERIE RR

10:30 AM – 10:45 AM BREAK

10:45 AM - NOON MECHANICAL MAINTENANCE COMMITTEE-JOHN HEDRICK, SOUTHWEST RESEARCH INSTITUTE

1. 21st CENTURY LOCOMOTIVE TRUCK AND BOGIE RELATED IMPROVEMENTS-TOM CASPER, POWERRAIL AND MURRAY MACBETH-GWRR-CANADA
2. AERODYNAMICS FOR RAIL APPLICATIONS-WAYNE KENNNEDY, KENNEDY CONSULTING
3. GASKET AND SEAL DESIGN PARAMETERS FOR LOCOMOTIVE, MARINE AND POWER GENERATION DIESEL ENGINES-ROBB RIDGWAY AND PAT SILVEY, MPRC SEALS, INC

Noon – 1;30 PM LUNCH BREAK

1:30 PM – 1:45 PM PRESIDENT TIM STANDISH, PROGRESS RAIL, STATE OF THE UNION SPEECH

1:45 PM – 3:00 PM FUEL, LUBRICANTS AND ENVIRONMENTAL COMMMITTEE – CHAIR CHRIS MILLER, WABTEC

1. DIESEL EPA EMISSIONS SCORING METHODOLOGY-TOM MACK, ZERO EMISSION LOCOMOTIVE TECHNOLOGIES, LLC
2. TOOLS TO MODEL GREEN HOUSE GAS EMISSIONS IN LOCOMOTIVE-GARRETT ANDERSON, SOUTHWEST RESEARCH INSTITUTE
3. SOUTHERN RAILWAY OF BRITISH COLUMBIA 100% SOY BIODIESEL TESTING ON AN EMD SWITCHER-JEREMY ROCHUSSEN, PhD, DEPARTMENT OF MECHANICAL ENGINEERING, UNIVERSITY OF BRITISH COLUMBIA

3:15 PM – 5:00 PM ELECTRICAL MAINTENANCE COMMITTEE – CHAIR JASON FOX, UNION PACIFIC RR

1. USING LOCOMOTIVES FOR EMERGENCY BACK UP POWER-TOM BOURBEAU, ENERPRO, INC
2. LOCOMOTIVE LED HEADLIGHT EVOLUTION-JOHN MADZAR, SMART LIGHT SOURCE CO
3. DC TO AC CONVERSION OF DIESEL ELECTRIC LOCOMOTIVESOLEG GOUREEV-ABB CANADA

ADJOJRN UNTIL WEDNESDAY, OCTOBER 4, 2023

8:15 AM – 8:30 PM NEWLY ELECTED PRESIDENT’S ACCEPTANCE SPEECH

8:30 AM – 9:30 AM JOINT PAPER – EPA & CLEAN AIR ACT COMPLIANCE REMINDERS-EMISSIONS REQUIREMENTS FOR LOCOMOTIVE OWNERS, OPERATORS AND MAINTAINERS –MARK DUVE, HIGHER POWER INDUSTRIES

9:30 AM – 10:30 AM KNOW THY COUPLERS AND DRAFT GEARS – MIKE IDEN. TIER 5 LOCOMOTIVE, LLC

10:30 AM – 10:45 AM BREAK

10:45 AM - 11:00 AM PASSPORT TO PRIZES

11:15 AM - 12:15 PM JOINT PAPER – LOW CARBON ENERGY SOURCES-MICHAEL CLEVELAND, PROGRESS RAIL

12:15 PM - ADJOURN UNTIL 2024