

Heavy Haul - Day 1 - Thursday, June 8, 2023

Time	Event
7:00am-5:00pm	On-Site Registration
7:00-7:50am	Continental Breakfast in the ExpoZone
8:00-8:20am	Welcome and Introductory Remarks , Gordon Bachinsky, Wheel Rail Seminars
8:20-8:50am	High-Energy Forces Within a Train Consist /Analysis of a High In-Train-Forces Derailment Brad Kerchof, Norfolk Southern (retired), Advanced Rail Management Corp. Jonathan Sunde, Strato Inc.
9:00-9:10am	Proceed to the InfoZone
9:10-9:40am	InfoZone Session #1 Athena Industrial, KinetiX Inspection Technologies, Loram Maintenance of Way, Plasser American, NTSB/Federal Railroad Administration
9:45-10:15am	InfoZone Session #2 Athena Industrial, KinetiX Inspection Technologies, Loram Maintenance of Way, Plasser American, NTSB/Federal Railroad Administration
10:15-10:45am	Break in the ExpoZone
10:45-11:15am	Track Support: Resilient Materials – Applied Research and Experience , Erik Frohberg, BNSF
11:30-12:00pm	Addressing wheel/rail interaction on Brazil's heavy-haul systems Antonio Merheb, International Heavy Haul Association, MRS Logistics
12:15-1:15pm	Lunch in the ExpoZone
1:15-1:45pm	Quantifying Rail Life Extension with Infinite Grinding Pattern Control , Chris Lidberg, Loram Maintenance of Way
1:55-2:05pm	Proceed to the InfoZone
2:05-2:35pm	InfoZone Session #3 Athena Industrial, KinetiX Inspection Technologies, Loram Maintenance of Way, Plasser American, NTSB/Federal Railroad Administration
2:40-3:10pm	InfoZone Session #4 Athena Industrial, KinetiX Inspection Technologies, Loram Maintenance of Way, Plasser American, NTSB/Federal Railroad Administration
3:10-3:40pm	Break in the ExpoZone
3:40-4:10pm	Smart Rock Meets Smart Tamper , Yuliang Zhou, Penn State University, Fabian Hansmann, Plasser & Theur
4:25-4:55pm	Dynamic wheelset monitoring , Enrico Betterle, Mermec
5:05-5:15pm	Closing Remarks , Gordon Bachinsky, Wheel Rail Seminars
6:00-8:30pm	Grand Buffet Reception sponsored by Loram Maintenance of Way

Day 2 - Friday June 9, 2023

Time	Event
7:00am-5:00pm	On-Site Registration
7:00-8:00am	Continental Breakfast in the ExpoZone
8:10-8:20am	Welcome and Introductory Remarks , Gordon Bachinsky, Wheel Rail Seminars
8:20-8:50am	Automated Track Geometry Inspection: Where we are on the Regulatory Front, and the Current State of the Art Daniel Baker, Office of Railroad Safety, Federal Railroad Administration Matt Dick, AREMA Committee 2
9:00-9:10am	Proceed to the InfoZone
9:10-9:40am	InfoZone Session #5 Athena Industrial, KinetiX Inspection Technologies, Loram Maintenance of Way, Plasser American, NTSB/Federal Railroad Administration
9:45-10:45am	Break in the ExpoZone
10:45-11:15am	Track Geometry Measurement , Charity Duran, BNSF
11:30-12:00pm	Track Alignment & Rate of Change , Mark Montoya, Union Pacific - Southern Region
12:10-1:10pm	Lunch in the ExpoZone
1:15-1:45pm	Wayside Wheel/Rail Force Measurement and New WILD Verification , Yuqing Zeng, MxV Rail
2:00-2:30pm	Break in the ExpoZone
2:30-3:00pm	Managing Rolling Contact Fatigue , Eric Magel, National Research Council of Canada, Ensco, Inc
3:15-3:45pm	Forensic Analysis of RCF Defects , Dominick Pagano, DPR Ultrasonic Technologies, LLC
4:00-4:15pm	Closing Remarks , Gordon Bachinsky, Wheel Rail Seminars
4:30pm	InfoZone Raffle
4:45-6:30pm	End of the Line Reception