

Rail Transit Seminar - Tuesday, June 6, 2023

Time	Event
7:00am-7:00pm	On-Site Registration
7:00-7:50am	Continental Breakfast in ExpoZone
8:10-8:30am	Welcome and Intrudctory Remarks, Gordon Bachinsky, Wheel Rail Seminars
8:30-9:00am	Friction Management: An Applications Perspective , Kevin Oldknow, Simon Fraser University
9:15-9:45am	Development and Implementation of a Water-Based Friction Modifier Train-Borne Dispensing System for Transit , Jackie Butterfield, L.B. Foster Rail Technologies
10:00-10:30am	Break in the ExpoZone
10:30-11:00am	Impact of Rail Grinding on India's Broad- and Standard-Gauge Mass Rapid Transit Network Ashwani Kumar, Delhi Metro Rail Corporation Ltd., India J. S. Binoj, Vandhana International Pvt. Ltd., New Delhi, India Venket Rao, Vandhana International Pvt. Ltd., New Delhi, India
11:15-11:45am	Studs, Squats and Other Damage Mechanisms Mark Reimer, Advanced Rail Management / Global Rail Group Eric Magel, NRC Canada / Ensco, Inc Richard Stock, Plasser American / Plasser & Theurer
12:00-1:00pm	Lunch in ExpoZone
1:00-1:30pm	The Role of Human Factors in Inspection and Operating Errors / Failures in the Rail Transit Randall Jamieson, Atticus Consulting Group LLC Daniel Smilek, University of Waterloo
FOCUS TOPIC: The Role of Vehicles Designs to Reduce Noise and Vibration and Improve Wheel/Rail Interaction Shankar Rajaram, Sound Transit	
1:45-2:15pm	The Effect of Vehicle Design on Noise and Vibration , Briony Croft, Acoustic Studio Pty Ltd.
2:30-3:00pm	Noise and Ground Vibrations — LRT Truck Design Optimization , Sergio Perez, Stadler Valencia
3:15-3:45pm	Break in the ExpoZone
3:45-4:15pm	Vehicle Design and Wheel/Rail Interaction , Kevin McClain, Siemens Mobility
4:30-5:00pm	Alstom's Wheel Rail Interface Study: How to Determine Optimal Wheel Profile for Wheels & Rails Life Optimization & Reduction of Noise Arne Pfeil, ALSTOM
5:10-5:20pm	Closing Remarks , Gordon Bachinsky, Wheel Rail Seminars
4:00-7:00pm	On-Site Registration - Principles of Wheel Rail Interaction
6:00-7:30pm	Rail Transit Reception in the ExpoZone