



**JUNE 18-21, 2019** The Educational Railroading Conference Leader Since 1994  
 25TH ANNUAL WHEEL RAIL INTERACTION CONFERENCE • NEW ORLEANS, LA  
**JUNE 18:** RAIL TRANSIT SEMINAR • **JUNE 19:** PRINCIPLES COURSE • **JUNE 20-21:** HEAVY HAUL SEMINAR



## Rail Transit Seminar

### 2019 Rail Transit Seminar Speakers and Topics

\* Speakers and Topics subject to change.



Eric Magel  
National Research  
Council Canada  
**Findings from the  
NYCT - FTA Wheel/Rail  
Analysis Project**



Andy Vickerstaff  
London Underground  
**21st Century  
Demand, 19th Century  
Infrastructure:  
Future Proofing the  
Wheel-Rail Interface**



Matthew Dick  
ENSCO Rail, Inc.  
**Evaluating Comprehensive Track  
Inspection Vehicles for Transit Operations**



Bob Coakley  
ENSCO Rail, Inc.



Dion Church  
SNC-Lavalin Inc.  
**Validating  
Vehicle Dynamics  
Simulation Models**



Paul Mittermayr  
Bureau of Applied Mechanics  
and Mathematics  
**Magic Wear Rate -  
Wiener Linien,  
Vienna, Austria**



Roger Luedke  
Loram Maintenance  
of Way, Inc.  
**Planning and  
Executing a Rail  
Grinding Program  
for Transit Systems**



Wyman Jones  
LA Metro  
**Creating a Grinding  
Map for Transit**



Shankar Rajaram  
Sound Transit  
**Wheel/Rail Interface  
Study on Light  
Rail System**



Richard Stock  
Rhomborg Sersa/LINSINGER  
**Rail Milling in North  
America — A First Look**

Brandon Koenig - Director of Operations,  
Wheel Rail Seminars  
Brandon@wheel-rail-seminars.com  
847-808-1818  
www.wheel-rail-seminars.com



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### Rail Transit Seminar - June 18, 2019

**The Rail Transit Seminar** is devoted to examining wheel/rail, vehicle/track interaction on rail transit systems. This cross-disciplinary seminar includes presentations from experts in vehicle/track dynamics, noise and vibration, vehicle/track design and maintenance, friction management, and State of Good Repair. Join a unique group of transit professionals, researchers and suppliers at this seminar to examine recent developments in research and technology, to participate in lively discussion and gain a better understanding of the complex interaction at the rail transit wheel/rail interface.



### Principles Course - June 19, 2019

**The Principles of Wheel/Rail Interaction Course** is an intensive, full-day course that provides fundamental coverage of the primary aspects of wheel/rail, vehicle/track interaction. Drawing from both theory and practical application, the course covers contact mechanics, track geometry, vehicle suspension systems, vehicle/track dynamics, wheel/rail profile design, friction management, measurement technologies and more—all the elements that are required to promote a more complete understanding of vehicle/track dynamics and wheel/rail interaction.



### Heavy Haul Seminar - June 20-21, 2019

**The Heavy Haul Seminar** is devoted to examining wheel/rail, vehicle/track interaction on rail freight and shared-track passenger systems. The Seminar brings together track and mechanical users, researchers and suppliers in a positive, educational setting like no other in the industry. Information on where and how the latest technology is being used to improve wheel/rail interaction and overall performance on freight and passenger railways is presented by some of the best minds in railroading. Information is presented through a combination of seminar sessions, panel discussions, dedicated Q&A periods and "InfoZone" sessions.