

Tuesday, May 19, 2015

7:00 - 7:50 AM

Registration/Breakfast in the ExpoZone

7:50 - 8:00 AM

Introduction Remarks / Welcome

SESSION 1

8:00 - 8:45 AM

Wheel/Rail Interaction Fundamentals – Part 1

Kevin Oldknow, Ph.D., P.Eng., Principal Engineer,
Wheel/Rail Interface—L.B. Foster Company

SESSION 2

8:50 - 9:35 AM

Wheel/Rail Interaction Fundamentals – Part 2

Kevin Oldknow, Ph.D., P.Eng., Principal Engineer,
Wheel/Rail Interface—L.B. Foster Company

9:35 - 10:00 AM - Break in the ExpoZone

SESSION 3

10:00 - 10:45 AM

Basics of Track Geometry - Key Parameters - What They Are and How They are Measured

Gary Wolf, President—Wolf Railway Consulting, LLC

SESSION 4

10:50 - 11:35 AM

Basics of Lubrication & Friction Control

Kevin Conn, Research Engineer—Norfolk Southern

11:40 - 12:55 PM - Lunch in the ExpoZone

SESSION 5

12:55 - 1:40 PM

Understanding Why, When and How Rail Grinding is Performed

Bill Bell, Consultant - CSX (retired)

SESSION 6

1:45 - 2:30 PM

Basics of Vehicle Truck and Suspension Systems and Fundamentals of Vehicle Steering and Stability

Ralph Schorr, P.E., Senior Product Development Engineer—Amsted Rail

2:30 - 2:55 PM - Break in the ExpoZone:

SESSION 7

2:55 - 3:40 PM

Use of Simulation Modeling to Solve Vehicle/Track Interaction Problems

Gary Wolf, President—Wolf Rail Consulting, LLC

SESSION 8

3:45 - 4:30 PM

Role of Machine Vision in Monitoring Vehicle and Track Condition

Matthew Dick, P.E., Director, Business Development—ENSCO, Inc.

ADJOURN

4:30 PM

4:00 - 7:00 PM - Heavy Haul Registration

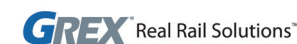
6:00 - 7:30 PM - Heavy Haul Welcome Reception in the ExpoZone

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