

Wednesday, June 19, 2019

7:00 - 7:50 AM

Registration / Breakfast in ExpoZone

8:00 - 8:15 AM

Welcome and Introductory Remarks

Gordon Bachinsky, Founder – Wheel Rail Seminars

8:15 - 8:25 AM

Introduction and Principles Course Overview

Kevin Oldknow, Organizing Chair and Program Director

SESSION 1

8:25 - 9:00 AM

Wheel / Rail Contact Mechanics

Kevin Oldknow, Associate Dean, Faculty of Applied Sciences – Simon Fraser University

SESSION 2

9:15 - 9:50 AM

Track Structures, Components and Geometry

Gary Wolf, President – Wolf Railway Consulting, LLC

10:00 - 10:25 AM - Break in ExpoZone

SESSION 3

10:25 - 11:00 AM

Vehicle Types, Suspensions and Components

Elton Toma, Senior Engineer – NRC, Canada

SESSION 4

11:15 - 11:50 AM

Vehicle/Track Interaction & Dynamics

Rob Caldwell, Senior Engineer – NRC, Canada

12:00 - 1:10 PM - Lunch in ExpoZone

SESSION 5

1:15 - 1:50 PM

Wheel / Rail Damage Mechanisms

Richard Stock, Milling Technology Manager – LINSINGER

SESSION 6

2:05 - 2:40 PM

Vehicle / Track Measurement Technologies

Matthew Dick, Deputy Division Manager, Commercial Business Operations – ENSCO, Inc.

2:50 - 3:15 PM - Break in ExpoZone

SESSION 7

3:15 - 3:50 PM

Maintaining the Optimized Wheel/Rail Interface

Eric Magel, Principal Engineer – NRC, Canada

SESSION 8

4:05 - 4:40 PM

Effects of Superelevation and Speed on Vehicle Curving

Brad Kefchof, Director Research & Tests – Norfolk Southern

4:50 - 5:00 PM

Principles Course Recap

Kevin Oldknow, Organizing Chair and Program Director

5:05 - 5:15 PM

Closing Remarks

Gordon Bachinsky, Founder – Wheel Rail Seminars

Bob Tuzik, Executive Program Director – Wheel Rail Seminars

6:00 - 7:00 PM - Heavy Haul Seminar Registration

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

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Sessions will be posted by 7/15/19

Questions? Email brandon@wheel-rail-seminars.com

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