

Principles Course - Wednesday, June 7, 2023

Time	Event
7:00am-7:00pm	On-Site Registration
7:00-7:50am	Continental Breakfast in the ExpoZone
8:00-8:15am	Welcome and Introductory Remarks , Gordon Bachinsky, Wheel Rail Seminars
8:15-8:25am	Principles Course Overview , Kevin Oldknow, Simon Fraser University
8:25-9:00am	Session 1: Introduction to Wheel-Rail Contact Mechanics , Eric Magel, NRC Canada / Ensco Rail Inc.
9:15-9:50am	Session 2: Track Structures and Components , Gary Wolf, Wolf Railway Consulting, LLC.
10:00-10:25am	Break in the ExpoZone
10:25-11:00am	Session 3: Vehicle Types, Suspensions and Components , Elton Toma, NRC Canada
11:15-11:50am	Session 4: Vehicle-Track Interaction and Dynamics , Rob Caldwell, NRC Canada
12:00-1:10pm	Lunch in the ExpoZone
1:15-1:50pm	Session 5: Ballast Management — Degradation Mechanisms and Maintenance Techniques Andreas Oberhauser, Global Rail Group
2:05-2:40pm	Session 6: Wheel-Rail Damage Mechanisms , Richard Stock, Plasser American / Plasser & Theurer
2:50-3:15pm	Break in the ExpoZone
3:15-3:50pm	Session 7: Principles of Wheel-Rail Friction Management , Louisa Stanlake & Jackie Butterfield, L.B. Foster Rail Technologies
4:05-4:40pm	Session 8: Vehicle-Track Measurement Technologies , Matthew Dick, ENSCO Rail, Inc.
4:50-5:00pm	Principles Course Recap , Kevin Oldknow, Simon Fraser University
5-5:15pm	Closing Remarks , Gordon Bachinsky, Wheel Rail Seminars
6:00-7:30pm	Heavy Haul Welcome Reception in the ExpoZone
4:00-7:00pm	Heavy Haul Seminar Registration