

**Tuesday, May 3, 2011**

7:00 am - 7:00 pm On-Site Registration

**Wednesday, May 4, 2011**

7:00 - 7:50 am  
Registration, Continental Breakfast & ExpoZone

7:50 - 8:00 am  
**Welcome and Introductory Remarks**  
Gordon Bachinsky, Advanced Rail Management Corp.  
**Session Moderator:**  
Gary Wolf, President, TUV-Rail Sciences Inc.

**SESSION 1**  
8:00 - 8:50 am  
**An Overview of Important Wheel/Rail Interaction Parameters & Terms**  
Don Eadie, Vice President, Technology and Commercialization, L.B. Foster Friction Management

**SESSION 2**  
8:50 - 9:40 am  
**Understanding How Wheel and Rail Conditions Impact Steering**  
Kevin Oldknow, VP - Friction Management - Corporate Division, L.B. Foster Friction Management

9:40 - 10:10 am - Refreshment Break & ExpoZone

**SESSION 3**  
10:10 - 11:00 am  
**Basics of Track Engineering as Influenced by the Wheel/Rail Interface**  
Mike McGinley, Senior Track Engineer, Advanced Rail Management Corp.

**SESSION 4**  
11:00 - 11:50 am  
**Track Geometry: How it Influences Vehicle Dynamics**  
Matthew Dick, PE, Staff Technical Manager, ENSCO, Inc.

11:50 - 1:10 pm - Luncheon & ExpoZone

**SESSION 5**  
1:10 - 5:00 pm  
**Special Derailment Forum**  
**Derailment Investigation: Modern Tools, Trends, Techniques, and Successes**

Moderator:  
**Gary Wolf**, President, TUV-Rail Sciences Inc.

Presenters:  
**Bruce Rose**, Director Train Accident Investigation, CSX Railroad

**Larry Milhon**, Director Train Dynamics Research & Derailment Prevention, BNSF

2:50 - 3:20 pm - Refreshment Break & ExpoZone

**Chris Hendricson**, Director Derailment Prevention, Union Pacific Railroad

**Mirek Wierucki**, Director Derailment Prevention, CP Rail

**Bob Blank**, Director Research and Tests (retired), Norfolk Southern

*Note: There will be an extended question and answer session following the panel presentations.*

5:00 pm **Adjourn**

4:00 - 7:00 pm  
Check-in & Registration for Heavy Haul Seminar

6:00 - 7:30 pm Heavy Haul Seminar Welcome Reception

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# WR1 2011 PRINCIPLES COURSE SEMINAR AGENDA



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