

# Rail Transit '07 Wheel/Rail Interaction Seminar Agenda

(Proposed timeline subject to change)

## Monday October 15, 2007

5:15pm - 7:15pm Welcome Reception / Registration

## Tuesday October 16, 2007

7:15am - 8:15am Registration / Continental Breakfast

8:15am - 8:30am Welcome / Introductory Remarks  
Gordon Bachinsky, Advanced Rail Management Corp.  
Bob Tuzik, Interface Journal

8:30am - 9:15am **Session 1**  
Wheel/Rail Interaction and Low-Speed Derailments  
Anthony Bohara, Sachit Kakkar, Southeastern Pennsylvania Transportation Authority; Don Holfeld, Zeta-Tech Associates, Inc.

9:15am - 10:00am **Session 2**  
Rail Grinding Strategies: Experience on the Vienna Urban Transit System  
Edgar Fischmeister and Markus Ossberger, Wiener Linien GmbH & Co KG

10:00am - 10:30am Refreshment / Exhibit Break

10:30am - 11:15pm **Session 3**  
Wayside Truck Performance Detector-Based Rail Car Preventive Maintenance  
Robert Swearingen, Transportation Technology Center Inc.; Radovan Sarunac, Booz Allen Hamilton

11:15pm - 12:00pm **Session 4**  
Addressing Seasonal Adhesion Issues  
Graham Curtis, DeltaRail Products

12:00pm - 1:30pm Lunch (on your own)

1:30pm - 2:15pm **Session 5**  
Analyzing Wheel/Rail Contact in Three Dimensions  
Gordon Bachinsky, Advanced Rail Management Corp.

2:15pm - 3:00pm **Session 6**  
Results of Transit Track-Related Studies Conducted through the Transit Cooperative Research Program (TCRP)  
James Dwyer, Technical Consultant

3:00pm - 3:30pm Refreshment / Exhibit Break

3:30pm - 4:15pm **Session 7**  
Implementation of a New Wheel-Management Process at CityRail in NSW Australia  
Keith Bladon, Teknis Electronics; Shane Doyle, Brake Systems Engineer, RailCorp

4:15pm - 5:00pm **Session 8**  
Using High-Performance Mass-Spring-Systems to Reduce Noise and Vibration in Track  
Hans-Georg Wagner, GERB Vibration Control Systems GmbH & Co.

5:30pm - 7:30pm Reception / Exhibits

## Wednesday October 17, 2007

7:15am - 8:15am Registration / Continental Breakfast

8:15am - 8:30am Opening Remarks  
Bob Tuzik, Interface Journal

8:30am - 9:15am **Session 9**  
Effects of Secondary Suspension Air Spring Imbalance on Wheel Climb Derailment Potential  
Peter Klauser, Vehicle Dynamics – Engineering Consultant; Radovan Sarunac, Booz Allen Hamilton

9:15am - 10:00am **Session 10**  
Profile Optimization in the Urban Rail Context  
Paul Mittermayr, Bureau of Applied Mechanics and Mathematics

10:00am - 10:30am Refreshment Break

10:30am - 11:15am **Session 11**  
Development of Rail Transit Recommended Practices for Embedded Track  
Bill Moorhead, TRAMMCO, LLC; leader, Embedded Track Section; APTA Track & Noise/Vibration Technical Forum Working Group

11:15am - 12:00pm **Session 12**  
Developing a Third Rail Inspection Program for Beijing Metro  
Ta-Lun Yang, ENSCO, Inc.

12:00pm - 1:30pm Lunch (provided)

————— **SEPTA 69th Street Shop Tour (optional)** —————

1:30pm - 2:00pm Transportation to SEPTA 69th Street Shop

2:00pm - 4:00pm Tour of SEPTA's 69th Street Vehicle Maintenance and Wheel Truing Facility

4:00pm - 4:30pm Transportation to Hotel

4:30pm Adjourn

**SAVE THE DATE IN 2008!**

14<sup>TH</sup> ANNUAL SEMINAR  
**WHEEL/RAIL'08**  
INTERACTION  
MAY 6 – 7, 2008 • CHICAGO

As in prior years, this cross-disciplinary seminar will bring together track & mechanical users, suppliers & researchers for a better understanding of wheel/rail, vehicle/track interaction on rail freight and shared-track passenger systems.

**Join us on May 5 for the "Principles" Pre-Seminar Course**

This intensive one-day course will be held May 5, 2008, in conjunction with the Wheel/Rail Interaction '08 Seminar and provide an in-depth examination of the primary aspects of wheel/rail, vehicle/track interaction.

*Seminar attendance is not required to attend this course.*