

## Sunday October 17, 2021

4:00 - 7:00 PM - On-Site Registration

## Monday, October 18, 2021

7:00 - 8:00 AM

Registration/Breakfast in ExpoZone

8:10 - 8:30 AM

Welcome and Introductory Remarks

Gordon Bachinsky, Founder – Wheel Rail Seminars

### SESSION 1

8:30 - 9:00 AM

Utilizing Software to Accelerate the Adoption of Preventive Maintenance at NYCT

Wesley Thomas, Senior Vice President & General Manager, Rail–Sentient Science

### SESSION 2

9:15 - 9:45 AM

Making the Best of it: Maintenance Productivity During the Pandemic

Greg Shivy, Principal Track Engineer – Bay Area Rapid Transit

10:00 - 10:30 AM - Break in ExpoZone

### SESSION 3

10:30 - 11:00 AM

Enhancing Instrumented Wheelset Data to Better Predict Derailment Risk

Russell Walker, Scientist

Yuqing Zeng, Principal Investigator – Transportation Technology Center, Inc.

### SESSION 4

11:15 - 11:45 AM

Improving Rail Grinding Specifications and QA/QC Procedures for Transit

Mark Reimer, Director, Business Development & Projects – Advanced Rail Management Corp.

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

**SPECIAL FOCUS:** Addressing Wheel/Rail-Generated Noise and Vibration in Rail Transit

**Session Chair and Moderator:**

Briony Croft, Acoustic Consultant

### SESSION 5

1:00 - 1:30 PM

Rail Damper Trials – Noise Reduction Outcomes from Ottawa and Vancouver

Briony Croft, Acoustic Consultant

### SESSION 6

1:45 - 2:15 PM

Characterizing the Effect of Rail Hardness on Corrugation Formation, Grinding Cycles, and Noise

Peeter Vesik, Technical Analyst, Wayside – British Columbia Rapid Transit

### SESSION 7

2:30 - 3:00 PM

Vibro-Acoustic Inspection of Vienna's Tram Network

Karoline Alten, Scientist, – Transportation Infrastructure Technologies at AIT Austrian Institute of Technology

3:15 - 3:45 PM - Break in ExpoZone

### SESSION 8

3:45 - 4:15 PM

Effects of a Conformal Frog Retrofit on Wayside Noise and Vibration on the Ottawa Trillium Line

Rashid Dorj, Program Manager, Rail Construction Management – City of Ottawa

### SESSION 9

4:30 - 5:00 PM

Controlling Grinding-Induced Corrugation to Maintain Lower Wayside Train Noise Levels

Shankar Rajaram, Engineering Manager, Rail Vehicles – Sound Transit

5:10 - 5:20 PM – Summary / Closing Remarks

4:00 - 6:00 PM – Principles Course Registration

6:00 - 7:30 PM – Rail Transit Reception in ExpoZone

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Questions? Email [brandon@wheel-rail-seminars.com](mailto:brandon@wheel-rail-seminars.com)

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