



Day 1—Tuesday, October 29, 2019

- 10:00am - 5:00pm **Registration**
- 11:00am-12:30pm **Sponsor Area (ExpoZone)**
- 11:30am-12:30pm **Welcome Luncheon**
- 12:30pm - 12:45pm **Welcome and Introductory Remarks**

Time	Session	Presentation Title	Name	Company
12:45pm - 1:15pm	Session 1	Predictive Maintenance of Rail Vehicles Questions	Martin Vorhofer, Systems Engineering	Austrian Federal Railways (ÖBB) Technische Services
1:30pm - 2:00pm	Session 2	Squat mitigation Approaches - Rail Maintenance and Other Factors Questions	Richard Stock, Milling Technology Manager	LINSINGER Austria
2:15pm - 2:45pm	Session 3	Examining the Role of Grinding Roughness, Shear Deformation and Other Mechanisms in Squat-initiation Questions	Ingolf Nerlich, System Engineer - Vehicle/Track Interaction	Swiss Federal Railways (SBB)
3:00pm - 3:30pm	Refreshment Break in the ExpoZone			
3:30pm - 4:00pm	Session 4	Keynote Address Questions	Silvia Angelo, Member, Management Board of ÖBB-Infrastruktur	Austrian Federal Railways (ÖBB)
4:15pm - 4:45 pm	Session 5	Breeding Squats in the Lab: New Approaches to Research with a Linear Test Rig Questions	Mathias Luther	DB Systemtechnik GmbH

- 5:00pm **Adjourn for the Day**
- 5:30pm - 7:00pm **Reception in ExpoZone**

Day 2—Wednesday, October 30, 2019

7:30-8:30am

Registration / Coffee in ExpoZone

8:30-8:40am

Welcome and Introductory Remarks

Time	Session	Presentation Title	Name	Company
8:40-9:10am	Session 6	International Heavy Haul Update Questions	Michael Roney, Consultant	Iron Moustache Consulting
9:25-9:55am	Session 7	Examining Wheel/Rail Interaction in the North American Heavy-haul Environment Questions	Scott Cummings, Scientist	Transportation Technology Center, Inc. USA
10:05-10:45am		Refreshment Break in the ExpoZone		
10:45am - 11:15am	Session 8	Vibro-Acoustic Inspection of Vienna's Tram Network Questions	Karoline Alten, Scientist	Austrian Institute of Technology (AIT)
11:30am - 12:00pm	Session 9	Grinding-induced Rolling Contact Fatigue in Rails Questions	Carsten Jørn Rasmussen, Rail Supervisor	Banedanmark
12:10am - 1:10pm		Luncheon		
1:10pm - 1:40pm	Session 10	Mapping Rail Conditions to Improve Rail Grinding Quality and Production Questions	Daniel Hampton, Manager of Contract Services	CSX Transportation, USA
1:55pm - 2:25pm	Session 11	Analysis of Vehicle/Track Issues Affecting Ride Comfort at Switches & Crossings Questions	Mark Burstow, Principal Vehicle Track Dynamics Engineer	Network Rail
2:35pm - 3:15pm		Refreshment Break in the ExpoZone		
3:15pm - 3:45pm	Session 12	21st Century Demand, 19th Century Infrastructure: Future Proofing the Wheel/Rail Interface Questions	Andy Vickerstaff, Senior Wheel-Rail Interface Engineer	Transport for London
4:00pm - 4:30pm	Session 13	Applying the Magic Wear Rate at Wiener Linien Questions	Werner Wehr, Technical Expert, Railroad Engineering Paul Mittermayr, Managing Director, Head of R&D	Wiener Linien Bureau of Applied Mechanics & Mathematics

4:45pm

Adjourn for the Day

5:15pm - 7:00pm

Reception in the ExpoZone

Day3—Thursday, October 31, 2019

7:30am - 8:30am **Registration / Coffee in ExpoZone**

8:30am - 8:40am **Welcome & Introductory Remarks**

Time	Session	Presentation Title	Name	Company
8:40am - 9:10am	Session 14	Wheelset Refurbishing and Assembly at the Knittelfeld Facility Questions	Harald Eder	Austrian Federal Railways (ÖBB)
9:25am - 9:55am	Session 15	Modeling VTI (Vehicle/Track Interaction) Data to Trend and Predict Defect Generation Questions	Stasha Jovanovic, Associate Professor Predrag Teši, Engineer	University of Novi Sad, Serbia Tangram projekt
10:05am - 10:35am		Refreshment Break in the ExpoZone		
10:35am - 11:05am	Session 16	Maximizing Benefits from a Friction Management Program Questions	Jonathan Paragreen, Sr. Applications Engineer Jackie Butterfield, Lead Applications Engineer	L.B. Foster Rail Technologies Ltd
11:20am - 11:50pm	Session 17	Assessing Requirements for the Running Behavior of Railway Vehicles in Austria Questions	Christoph Handel, CEO Maximilian Diegles, Technical Expert	Arsenal Railway Certification GmbH
12:05pm - 12:35pm	Session 18	Requirements for the Authorization of Railway Vehicles Questions	Alois Starlinger, Technical Expert	Stadler Rail

12:45pm - 1:00pm **Closing Remarks**

1:00pm **Meeting Adjourns**

1:00PM - 2:00PM **Farewell Luncheon**