Registration

Conference:
Wheel – Rail Monitoring
2017

Further information and the link to the registration can be found at:
www.monitoring-rad-schiene.at

Conference Costs:
ÖVG/ÖVE Members: € 150 (excl. 20%)
ÖVG/ÖVE-Student: € 20 (excl. 20%)
Regular price: € 180 (excl. 20%)

Catering as well as conference transcripts are included in the conference costs.

Room recommendations can be found on the website:
www.monitoring-rad-schiene.at

Close of registration is
Tuesday 28th March 2017

There is a cancellation fee of 100% of the conference costs for any cancellations after 21st March 2017

For further question please contact:
Schuster + Schuster Traffic Infrastructure Consulting GmbH
Schwalbenweg 3
1170 Vienna
office@schuster2-consulting.at
www.schuster2-consulting.at

Conference Location:
LECTURE HALL
Institute of Science and Technology Austria
Am Campus 1
3400 Klosterneuburg
www.ist.ac.at

Monitoring Wheel - Rail 2017
Tuesday, 28th March 2017
All day in Klosterneuburg
Intro

„System optimization with system“
Peter Veit, Technical University of Graz (TU Graz)

„Challenges in the Provision of Infrastructure“
Alfred Holcik, Business Unit Manager for Route Management and Plant Development, AFR-Infrastruktur (ÖBB-Infrastruktur AG)

Subject area Infrastructure and Vehicles

„Pathways(y) from Railway Management to Modern Asset Management“
Joachim Holzfeind, Head of Asset Management Track, Swiss Federal Railways (SBB)
Michael Mach, Head of Railway Engineering, AFR-Infrastruktur (ÖBB-Infrastruktur AG)

„Track Analysis Supported by Vehicle Reactions“
Richard Schneider, former Vice President R&D, Bombardier Transportation Switzerland

Break

„The Vehicle Fingerprint - Condition Data from the Point of View of Infrastructure“
Roman Schmid, Department of Railway Engineering, Railway Technology and Interaction, AFR-Infrastruktur (ÖBB-Infrastruktur AG)

„Smart Solutions for Determining the Relevant Assessment Variables on the Basis of Wheel - Rail Contact“
Dietmar Maicz, HBVM Austria
Paul Mittermayr, BAMM Dr. Mittermayr Scientific GmbH & Co KG

„Testing and Assessment of the Ride Quality Characteristics – Travel Safety and Burden on Infrastructure - of Railway Vehicles Using the Example of the new EN 14365: 2016“
Andreas Haigermoser, Head of Innovation Management of Bogies, Siemens AG Austria

„Quo Vadis Radial Position“
Thomas Kolbe, Head of Testing Technology, International Approval, German Railways – System Technology (DB Systemtechnik GmbH)

„A Generic Wear Model for Rail Vehicles - Operation Monitoring and Parametrisation using the Example of the Brake Life Forecast“
Christian Moser, Graz University of Technology Boris Andre Prehofer, Siemens AG Austria

Lunch

Presentation: Günter Prager, University of Innsbruck

Intro

„Digitalization and Automation in Railway Infrastructure - Innovative Fields Really in Radical Change“
Michael Walter, Head of LCM staff and Innovation, AFR-Infrastruktur (ÖBB-Infrastruktur AG)
Thomas Petraschek, Team Leader Innovations of LCM Staff and Innovations, AFR-Infrastruktur (ÖBB-Infrastruktur AG)

„From Deadline-oriented to Condition-based Maintenance“
Hannes Steflko, Chief Technology Officer (CTO) Enterprise Business Unit Austria, IBM Gérard Presle, Managing Director of the Austrian Society for Traffic and Transportation (ÖVG) Working Group for Railway Engineering (track) (Arbeitskreises Eisenbahntechnik)

Safety, Environment, Measurement and Testing Technology

„Presentation of Noise Indices for Rail Transport by the New European Harmonized Calculation Methods“
Christian Kirouts, Civil Engineers Office Kirouts (ZT-Büro) / MedUni Vienna
Martin Jakob, „psiacoustic“ Environmental Research and Engineering GmbH (Umweltforschtungs- und Engineering GmbH)

„Circular arcs and non-circular wheels - Measurements, Analysis and Results of Sound Engineering Characteristics“
Günter Dinhobl, LCM staff and Innovations, ÖBB-Infrastruktur AG

End of Conference

„Acoustic Diagnosis of Wheel Bearings“
Andreas Konrad, Progress Rail Inspection & Information Systems

Big Data Railway Operations

„Glass Track (Glaserner Fahrweg) - Data-based Maintenance Management in Local Transport“
Thomas Hauser, Railway Construction, Vienna Lines (Wiener Linien)

„Superstructure (Track)- Monitoring Systems for the Evaluation of Mono-block Wheels in the Viennese Underground Network“
Thomas Hauser, Technical Inspection Body, Vienna Lines (Wiener Linien)

„The Development of Measurement Technologies in the Scope of Vehicle – Type Tests, from Indicators through Big Data to Smart Data“
Heiml Hutterer, Systems Technology, Head of Machine Technology Measurement Group, AFR-Production (ÖBB-Produktion GmbH)

„Two surveys on the European Track Position as a Background for the EN 13848“
Werner Hanreich, Department of Railway Engineering-Measurement Technology, AFR-Infrastruktur AG (ÖBB-Infrastruktur AG)
Fredéric Coudert, Chairman of the WG28 on behalf of French State Railways (SNCF-Research)

„Application of Drones at AFR Infrastructure (ÖBB-Infrastruktur AG) and the Analysis of the Resulting Information and Data“
Wolfgang Zottl, LCM staff and Innovations, AFR Infrastructure (ÖBB-Infrastruktur AG)