

## Optimizing the Wheel/Rail-System – Technological progress for safety, cost-efficiency and reliability

20<sup>th</sup> International Convention of the  
Working Committee on Railway Technology  
(Infrastructure) of the Austrian Society  
for Traffic and Transport Science - ÖVG

Salzburg, Austria

Salzburg Congress

15<sup>th</sup> – 17<sup>th</sup> September 2015

## PROGRAMME

### Monday, 14. 9. 2015

14.00 – 19.00

Registration and distribution of documentation,  
Convention Office, Salzburg Congress

### Tuesday, 15. 9. 2015

08.00 Registration and distribution of documentation,  
Convention Office, Salzburg Congress

09.00 **Opening of the convention**  
by the chairman Dipl.-Ing. Helmut **Hainitz**,  
Deputy Director General ÖBB (ret.)

Welcome speeches

#### Focus: Strategy

Chair:  
Em. Univ.-Prof. Dipl.-Ing. Dr. Klaus **Rießberger**

09.30 **Keynote**  
Ing. Mag.(FH) Andreas **Matthä**,  
ÖBB-Infrastruktur AG, Austria

10.00 **Results of the DACH project**  
Dkfm. Frank **Sennhenn**, DB Netz AG, Germany  
Dr. Philippe **Gauderon**, SBB, Switzerland  
Dipl.-Ing. Franz **Bauer**, ÖBB-Infrastruktur AG, Austria

Break 10.45 – 11.15  
sponsored by **Speno International SA**

11.15 **Integrated Permanent Way Management on ÖBB**  
Dipl.-Ing. Dr. Michael **Mach**, ÖBB-Infrastruktur AG,  
Austria

11.45 **Cutting edge asset management**  
Dipl.-Ing. Dr. Jochen **Holzfeind**, SBB, Switzerland  
Prof. Dipl.-Ing. Dr. Peter **Veit**, TU-Graz, Austria

12.30 **Life Cycle Management on the network of DB Netz AG**  
Dipl.-Ing. Holger **Koriath**, DB Netz AG, Germany

Lunch 13.00 – 14.00 sponsored by  
**voestalpine Schienen GmbH**  
and **voestalpine VAE GmbH**

#### Track and High-speed traffic

Chair:  
Univ.-Prof. Dipl.-Ing. Dr. Norbert **Ostermann**

14.00 **Reopening TGV lines for traffic speeds  
of 160 km after ballast bed cleaning**  
Michel **Morin**, SNCF, France

14.30 **Track for the new high-speed line  
Ebensfeld – Leipzig**  
DDI (FH) Jörg **Fenske**, Porr Bau GmbH, Austria  
Dipl.-Ing. Dr. Dieter **Pichler**,  
FCP Fritsch, Chiari & Partner ZT GmbH, Austria

15.00 **50 years of experience with ballasted track  
on the Tokaido Shinkansen (Japan)**  
Dr.- Eng. Masahiro **Miwa**, JR-Central, Japan

Break 15.30 – 16.00  
sponsored by **FCP Fritsch, Chiari & Partner ZT GmbH**

16.00 **High-speed traffic on ballasted track**  
Dr.-Ing. Mario **Testa**, RFI S.p.A., Italy

16.30 **Under sleeper pads: experiences and types  
of application**  
Paul **Godart**, Infrabel SA, Belgium

17.00 **Machine demonstration** in the station area

19.30 Snack at Salzburg Residenz (arcades)  
sponsored by **ROBEL Bahnbaumaschinen GmbH**

20.00 Concert at Salzburg Residenz, Carabinieri Saal,  
sponsored by the **City of Salzburg and Land Salzburg**

### Wednesday, 16. 9. 2015

#### Diagnosis and Management

Chair:  
a.o.Univ. Prof. Dipl.-Ing. Dr. Günter **Prager**

08.30 **Network status report 2014 of ÖBB-Infrastruktur AG**  
Dipl.-Ing. Dr. Michael **Walter**, ÖBB-Infrastruktur AG,  
Austria

09.00 **Maintenance systems of a small infrastructure  
manager**  
Ing.-Civil ULg Laurence **Zenner**, CFL, Luxembourg

09.30 **Track geometry evaluation with the help  
of fractal analysis**  
Dipl.-Ing. Dr. Fabian **Hansmann**, Plasser & Theurer,  
Austria  
Dipl.-Ing. Matthias **Landgraf**, TU-Graz, Austria

10.00 **Mobile Assessment of Track Asset Data**  
Kevin R. **Day**, CN, Canada

Break 10.30 – 11.00  
sponsored by  
**SSL Schwellenwerk und Steuerungstechnik Linz**

11.00 **Detecting rail defects by means of nondestructive  
testing methods**  
Dipl.-Ing. Anika **Dey**, DB Systemtechnik, Germany

11.30 **Track and subground diagnosis**  
Dr. James **Hyslip**, HyGround Engineering, USA  
Dr. Steve M. **Christmer**, LTK Engineering Services,  
USA

12.00 **Major construction projects and introduction to the  
excursion**  
Dipl.-Ing. Dr. Bernhard **Knoll**, ÖBB-Infrastruktur AG,  
Austria

12.45 – 18.00 **Excursion** – Klaus a.d. Pyhrnbahn

19.00 **ÖVG Evening**

**Thursday, 17. 9. 2015**

## Further Development

Chair:  
Univ.-Prof. Dipl.-Ing. Dr. Peter Veit

- 09.00 **Experiences with high-strength rail steels**  
Dipl.-Ing. Dr. Albert Jörg, voestalpine Schienen GmbH, Austria  
Dipl.-Ing. Dr. Bernhard Knoll, ÖBB-Infrastruktur AG, Austria  
Dipl.-Ing. Alexander Strauch, SBB, Switzerland  
Dr. Christian Tapp, DB Netz AG, Germany
- 09.45 **Rail welding: technological advances**  
Markus Öllinger, MSc, Plasser & Theurer, Austria
- 10.15 **Experiences with new materials in fixed crossings – Scientific studies in combination with track testing on ÖBB**  
Dipl.-Ing. Peter Dornig, BSc., ÖBB-Infrastruktur AG, Austria  
Dipl.-Ing. Uwe Obberger, MCL, Austria
- 10.45 **Track laying and maintenance in Australia**  
lic. oec. HSG Gerfried Thür,  
Rhombert Sersa Rail Group, Austria/Australia
- Break 11.15 – 11.45  
sponsored by Swietelsky Baugesellschaft mbH
- 11.45 **Modern Operations Management in the ÖBB network**  
Ing. August Zierl, ÖBB-Infrastruktur AG, (ret.), Austria
- 12.15 **RAMS in the field of overhead lines - measures for the availability and reliability of overhead lines**  
Dr. Ralf Zabel, SIGNON Schweiz AG, Switzerland  
Ing. Wolfgang Sturzeis, ÖBB-Infrastruktur AG, Austria
- 12.45 **Challenges for Rail Projects in the Southern Africa Region**  
Dr. Friedel Mülke, Pr Eng., Pr CM, Arup, South Africa
- 13.15 **Closing words and end of convention**

**Duration of presentation 25 min. + 5 min. for discussion**

## INFORMATION

### Registration

should be made using the **registration forms**.

**Closing date to register for Convention: 4<sup>th</sup> September 2015**

**Simultaneous interpretation:** German, English, French, Japanese, Spanish

### Registration fee

€ 828,- (€ 690,- + 20% VAT)  
€ 708,- (€ 590,- + 20% VAT) if paid in advance by 14<sup>th</sup> June 2015  
€ 576,- (€ 480,- + 20% VAT) for ÖVG members (company or individual membership)

When your registration has been processed, you will receive an invoice which serves as a confirmation of registration.

The registration fee includes participation in the convention and the excursion, lunches, and attendance at the „ÖVG Evening“ with a guest.

### Cancellation:

Should you be unable to attend and send us a written cancellation at least 3 weeks before start of the convention, we will refund the registration fee, deducting an administrative charge of € 80. Up to 2 weeks before the start of the convention, 50% of the convention fee will be retained. If notice is given less than 7 days beforehand, there will be no refund.

### Sponsoring

We cordially invite interested firms to participate in the convention as sponsors. In return, there will be an opportunity for those firms to set up advertising and information panels in the foyer of the Congress Centre. Further information can be obtained under:

Telephone: (+43) 1 / 512 69 98  
Fax: (+43) 1 / 513 97 82  
E-mail: infrastructure@oevg.at  
Homepage: www.oevg.at

## VENUE AND CONVENTION OFFICE

**WLAN:** oevg2015 **key:** congress

Salzburg Congress  
Auerspergstrasse 6,  
5020 Salzburg, Austria

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### PROGRAMME

Monday, 14.09.2015  
14.00 – 19.00 Registration

Tuesday, 15.09.2015  
08.00 – 17.00  
17.15 Departure for excursion

Wednesday, 16.09.2015  
08.30 – 12.30  
12.45 Departure for excursion

Thursday, 17.09.2015  
09.00 – 13.30

You can obtain convention documents in the Convention Office.

## SOCIAL EVENTS AND EXCURSIONS

**Tuesday, 15<sup>th</sup> September 2015**

09.15 – 17.00  
Social programme

17.15 – 18.30  
Machine demonstration in the station area

19.30 – 20.00  
Snack (in the arcade court)

20.00 – approx. 21.30  
“Salzburger Residenz”, Carabinieri room (Mozart concert)

**Wednesday, 16<sup>th</sup> September 2015**

09.15 – 14.00  
Social programme

12.45 - approx. 18.00  
Excursion to Klaus a.d. Pyhrnbahn

19.00  
„ÖVG Evening“  
Hotel Crowne Plaza  
Rainerstraße 6-8, 5020 Salzburg

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**Working Committee for Railway Technology (Infrastructure)**  
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An event organized by OEVG GmbH