

European Conference Rail Track Ballast Management 2023

09 - 10 November 2023
Düsseldorf, Hotel Meliá

REGISTER NOW

HYBRID

Special Partners:



The conference will be held as a hybrid conference. Participation is possible in person on site but also via video link. The conference language is English.

Ballast is a very important component for the track and therefore for the management of the whole track. It is very cost and resource intensive. During the universally demanded predictive maintenance, it is necessary to be able to assess the condition of the ballast at any time. You must be able to make forecasts for further maintenance and repair – under economic aspects.

The **conference with its different perspectives on ballast offers an excellent insight into the modern methodology of how to measure, assess, manage, and replace ballast.** Presented by experts from all over Europe.

These are the benefits from the event:

- You will be brought up to date with the **latest technology in terms of materials, resources, and standards.**
- You will learn **how effective ballast management can work.**
- Get an overview of **what modern working methods and construction techniques are available** on the market.
- Industry participants also learn what the problems and challenges of their customers are.
- Measurement engineers will learn how to bring sensors into the ballast to make it measurable.

Contact for sponsoring and exhibition:

Detlev Suchanek

Email: dsuchanek@global-rail-group.com

Phone: +49 1761 2371422

Contact for participant registration:

[jottkaa Projekt.Konzept GmbH \(congress organization\)](#)

Email: info@kongress-welt.de

Phone: +49 221 570 85 54



Organized by Global Rail Academy and Media
and Jottkaa Projekt.Konzept GmbH

Detailed information and registration:
www.global-rail-group.com/events

GRT Global Rail Academy and Media GmbH
Werkstättenstr. 18
51379 Leverkusen

Over 1.5 days, participants will be offered three thematic sections:

- **SECTION 1** offers a comprehensive basic understanding of ballast
- **SECTION 2** is dedicated to the different problems and applications for the respective railway system
- **SECTION 3** deals with the concrete measures for implementing the work on the construction site

Thursday, 09 November 2023

12:00 Opening | Introduction

Jan Mys and Andreas Oberhauser (double moderation)

SECTION 1 Ballast Condition, Behaviour & Simulation

Moderation Section 1: David Villalmanzo (ADIF, Spain)

12:15 Presentation 1: Ballast materials (rock type, environmental aspects, waste management, stability)

Christoph Kuttelwascher (ÖBB, Austria)

12:45 Presentation 2: Simulation Models and Ballast degradation

Jose Estaire (CEDEX, Spain)

13:15 Presentation 3: Modern ballast condition, detection and treatment methods

Olja Barbir (Plasser Purkersdorf, Austria)

13:45 Presentation 4: Problems of ballast regarding transitions of stiffness along track

Martin Li & Peter Zackrisson (Transverket, Sweden)

14:15 Coffee break

SECTION 2 Ballast Management

Moderation Section 2: Laurent Schmitt (SNCF, France)

15:15 Presentation 5: End-2-End process and KPIs for ballast management

Jan Mys (GR Consulting, Belgium)

15:45 Presentation 6: Ballast problems on high-speed lines

Miguel Rodriguez Plaza (ADIF, Spain)

16:15 Presentation 7: Ballast compaction methods

Dr. Sophie Nottbeck (DB Netz, Germany)

16:45 Coffee break

17:15 Presentation 8: Ballast problems in urban rail

Uwe Kutscher (BVG, Germany)

17:45 – 18:15

Presentation 9: Ballast condition monitoring and data analytics

Marc Ledet (SNCF Expert & Track Group Member of UIC; France)

19:00 – 22:00

Dinner | Get together

Friday, 10 November 2023

SECTION 3 Construction and Execution

Moderation Section 3: Walter Stahl (Technical University München)

09:00 Presentation 10: Geotechnical view on the layers within superstructure (subgrade, geotextiles, ballast)

Fritz Kopf (FCP GmbH, Austria)

09:30 Presentation 11: Ballast Bonding

Adrian Hürlimann (Hürlimann Railtec, Switzerland)

10:00 Presentation 12: Elastic solutions for railway superstructure – state of the art and future

Thomas Gamsjäger (Getzner, Austria)

10:30 Coffee break

11:30 Presentation 13: Level Crossings in ballast track

Nevenka Vandenbossche (Infrabel, Belgium)

12:00 Presentation 14: Challenges for track renewal at main line construction sites; executed at Heavy Haul Lines

Antonio Merheb (Chairman at IHHA and Consultant at MRS Logistica S.A. in the Permanent Way Engineering Department, Brazil)

12:30 Finale | Discussion | Closing

Jan Mys, Andreas Oberhauser, Detlev Suchanek

13:00 – 15:00

Finger Food | Talk Time

Participation fees

Participant presence:

EUR 590.00 + VAT | EUR 702.10 incl. VAT

Participant livestream:

EUR 490.00 + VAT | EUR 583.10 incl. VAT

Participant student presence:

EUR 190.00 + VAT | EUR 226.10 incl. VAT

Participant student livestream:

EUR 120.00 + VAT | EUR 142.80 incl. VAT

Participants who are Members of an association which belongs to the UEEIV (Union of European Railway Engineers) or ETPS (European Platform of Transport Sciences) get a discount of 10 % on the fee.

Contact for participant registration:

jottkaa Projekt.Konzept GmbH (congress organization)

Email: info@kongress-welt.de

Phone: +49 221 / 570 85 54



Detailed information and registration:
www.global-rail-group.com/events