

# Registration

The fee for participation (incl. tax) amounts to: *- please mark accordingly -*

- 200 € for personal participation (hereinafter: p.p.)
- 175 € for p.p. of private individuals and members of public administration
- 100 € for p.p. of students and retired persons  
(WBI-PRINT, lunch and coffee breaks are included.)
- 150 € for virtual attendance  
(WBI-Print is included.)

The Symposium will be held in German. Simultaneous translation from German to English or from German to Spanish will be provided. All necessary safety measures, such as hygiene concept, protective mask requirement, distance requirement, etc., are implemented as needed, adjusted as required, and must be observed by all participants. Please observe the general conditions under [www.felsmechanik.eu](http://www.felsmechanik.eu).

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_ Signature/Stamp: \_\_\_\_\_

**Registration should be made until May 10, 2021,**  
via E-Mail: [wbi@wbionline.de](mailto:wbi@wbionline.de)  
or via: [www.felsmechanik.eu](http://www.felsmechanik.eu)

## Venue:

**Congress Center Rosengarten,**  
Rosengartenplatz 2, 68161 Mannheim, Germany

## Travel information:

[www.felsmechanik.eu](http://www.felsmechanik.eu) oder [www.mcon-mannheim.de/anfahrt](http://www.mcon-mannheim.de/anfahrt)

[www.felsmechanik.eu](http://www.felsmechanik.eu)



# 6<sup>th</sup> Rock Mechanics & Tunneling Day in Rosengarten, Mannheim 10.06.2021

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## Rock mechanical aspects of the Railway Project Stuttgart - Ulm and other national and international projects



We hereby invite you to the 6<sup>th</sup> Rock Mechanics and Tunneling Day in June 2021.

Due to the Corona Pandemia and the resulting (but not yet known) restrictions and distance requirements, this year's Rock Mechanics and Tunneling Day will be held as a hybrid event, on-site at the Congress Center Rosengarten in Mannheim and virtually via internet.

Registrations for the on-site event will be considered on a first-come, first-served basis and are limited to 225 - subject to distance rules.

For those participants who were already registered for the 2020 event and have already paid the participation fee, please send us a written confirmation.

Once again, the organizers are WBI GmbH, DB Projekt Stuttgart-Ulm GmbH, DB Netze and the Arbeitskreis Bautechnik of the Württembergische Ingenieurverein.

We look forward to welcoming you on-site in Mannheim or virtually in June 2021.

## Advisory Board

Dipl.-Kfm. Gerd-Dietrich Bolte, *DB Netz AG*  
Dipl.-Ing. Klaus Hofmann, *Landeshauptstadt Stuttgart*  
Dr.-Ing. E. h. Martin Herrenknecht, *Herrenknecht AG*  
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Management *WBI GmbH*

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# Program

**8:15 – 9:00 Registration**

**9:00 – 9:20 Welcoming Address**

**9:20 – 10:30 Opening session**

Chair: *MR Prof. Dr.-Ing. Gero Marzahn*, Leiter des Referates StB 24, Bundesministerium für Verkehr und digitale Infrastruktur

9:20 **Invited lecture**  
*Dipl.-Kfm. Jens Bergmann*, Vorstand Netzplanung und Großprojekte, DB Netz AG  
**"Mobility, Environment, CO2-Reduction – The Role of the German Railway "**

9:40 **Overview lecture Stuttgart-Ulm**  
*Dipl.-Wirt.-Ing. Manfred Leger*, stellvertretender Vorsitzender der Geschäftsführung, DB Projekt Stuttgart-Ulm GmbH  
**"Status of Design and Construction of the Project Stuttgart – Ulm"**

10:00 **Award of Walter-Wittke-Prize 2021**

10:15 **Lecture of awardee 2021**

**10:30 – 11:00 Coffee break**

**11:00 – 12:15 Stuttgart 21**

Chair: *Dr.-Ing. E. h. Martin Herrenknecht*, Vorstandsvorsitzender, Herrenknecht AG

*Dipl.-Ing. Olaf Drescher*, Vorsitzender der Geschäftsführung, DB Projekt Stuttgart-Ulm GmbH  
**"From Civil Construction to Slab Tracks & Signalling for the Railway Node Stuttgart"**

*M.Eng. André Reinhardt L.LM*, Leiter Tunnel Stuttgart (PFA 1.2, 1.5, 1.6a), DB Projekt Stuttgart-Ulm GmbH,  
*Dr.-Ing. Martin Wittke*, Geschäftsführer, WBI GmbH  
**"Tunnels to Obertürkheim - Undercrossing the bridge "Bruckwiesenweg" and the Railway line to Ulm"**

*Dipl.-Ing. Andreas Rath*, Techn. Geschäftsführer, Projektleiter, ATCOST 21,  
*Dipl.-Ing. Günter Osthoff*, Projektleiter Technik PFA 1.2/1.6 (I.GV(2)), DB PSU GmbH,  
*Dr.-Ing. Patricia Wittke-Gattermann*, Geschäftsführerin; *Dipl.-Ing. Ralf Druffel*, Prokurist, WBI GmbH  
**"Full face excavation of large cross sections in leached gypsum keuper underneath buildings and comparison with sidewall headings"**

**12:15 – 13:30 Lunch break**

**13:30 – 15:10 Fundamentals**

Chair: *Dipl.-Ing. Walter Kubick*, Leiter Deutschland Süd, Hochtief Infrastructure GmbH

*Dipl.-Ing. Robert Berghorn*, Technischer Leiter Projektabschnitt Flughafenanbindung, DB Projekt Stuttgart-Ulm GmbH,  
*Dr.-Ing. Martin Wittke*, Geschäftsführer; *Dr.-Ing. Patricia Wittke-Gattermann*, Geschäftsführerin, WBI GmbH  
*Dipl.-Ing. Axel Hillebrenner*, Techn. Bereichsleiter; *Dipl.-Ing. Bernd Wiesiolek*, Planungsleiter Tunnelbau, Zentrale Technik, Ed. Züblin AG  
**"Underground connection of the airport Stuttgart to the new high-speed railway line Stuttgart-Ulm"**

*Prof. Dr.-Ing. Walter Wittke*, Geschäftsführer, WBI GmbH,  
*Dr.-Ing. E. h. Martin Herrenknecht*, Vorstandsvorsitzender, Herrenknecht AG  
**"TBM-Headings in Sand-, Clay-, and Siltstones – Transformation to earth mud and Clogging"**

*Prof. Dr.-Ing. Christian Moormann*, *Dipl.-Ing. Patrik Buhmann*, Universität Stuttgart, Institut für Geotechnik,  
*MR Prof. Dr.-Ing. Gero Marzahn*, Leiter des Referates StB 24, Bundesministerium für Verkehr und digitale Infrastruktur  
**"Hydrogeothermal Installations in German Road Tunnels – potentials, concepts and pilot project"**

*Dipl.-Ing. Günter Osthoff*, Projektleiter Technik PFA 1.2/1.6 (I.GV(2)), DB PSU GmbH,  
*Dr.-Ing. Martin Wittke*, Geschäftsführer; *Dipl.-Ing. Dieter Schmitt*, Prokurist, WBI GmbH  
**"10<sup>-7</sup> – 10<sup>-10</sup> m/s: Goal achieved – Successful completion of the grouting works in anhydritic rocks for the tunnels of Stuttgart 21"**

**15:10 – 15:40 Coffee break**

**15:40 – 17:40 Tunnel and Underground Construction – national & international**

Chair: *Dipl.-Kfm. Gerd-Dietrich Bolte*, Leiter Großprojekte Mitte, DB Netz AG

*Dipl.-Wirt.-Ing. Kai Kruschinski-Wüst*, Leiter Großprojekt 2. S-Bahn-Stammstrecke München, DB Netz AG  
**"2. Main line for Rapid Transit Train, Munich. Overview of project with a focus on tunnel construction at Europe's largest nodal station"**

*Dipl.-Ing. Michael Müller*, Sen.-Projektleiter, Hochtief Infrastructure GmbH,  
*Dipl.-Ing. Jens Classen*, Sen.-Projektmanager, Implenia Construction GmbH  
**"2. Main line for Rapid Transit Train, Munich, lot 41 Marienhof. A project with challenges in the heart of Munich"**

*Dipl.-Ing. Jörg Rainer Müller*, Leiter Technik Unterirdisch Ost und Ostbahnhof, Großprojekt 2. S-Bahn-Stammstrecke München, DB Netz AG  
**"2. Main line for Rapid Transit Train, Munich. Lot 50 - construction measures tunnel and station east"**

*Dr.-Ing. Alexander Nolte*, Leiter Technik Knoten Frankfurt Hbf, DB Netz AG  
**"Challenges of the new underground long-distance train station in Frankfurt"**

*Dipl.-Ing. Erwin Scherer*, Global Head Tunneling, Implenia Construction GmbH,  
*Dipl.-Ing. Olivier Boeckli*, Président Directeur Général; *Alexander Heim*, Implenia France SA  
**"GPE – Grand Paris Express, Overview of Project – Challenges for Tunneling"**

**17:40**

**Closing remarks**