

31ST INTERNATIONAL SYMPOSIUM BRIDGES 2026

23-24 April 2026, Courtyard by Marriott hotel, Brno

23. 4. 2026 – Thursday – 1st day of the symposium

08.00 Registration of participants
Foyer of the Marriott hotel

PLATINUM 1+2+3

I. Bridge structures in the Czech Republic – construction, administration and maintenance

Chair: Hvízdal Václav, Ryjáček Pavel

09:00 – 09:50 Opening ceremony of the 31st International Symposium Bridges 2026 -
presentation of honorary awards, Bridge Work 2024 **50 min.**

09:50 – 10.00 **Opening speech of the SFDI** **10 min.**
Ing. Zbyněk Hořelica , State Transport Infrastructure Fund

10:00 – 10.10 **Opening speech by the ŘSD** **10 min.**
Ing. Radek Mátl, Directorate of Roads and Motorways of the Czech Republic

10:10 – 10:20 **Opening performance by the Czech Railways** **10 min.**
Railway Administration, state organization, General Directorate

10:20 – 10:35 **SS VRT status and preparation** **15 min.**
Ing. Jakub Bazgier , Railway Administration, state organization

10:35 – 10:50 **Current status and news on the issue of bridges of the Directorate of Roads and Motorways of the Czech Republic** **15 min.**

Jiří Hlavatý, Ph.D., Directorate of Roads and Motorways of the Czech Republic

10:50 – 11:20 **Danube Valley Bridge Linz** **30 min.**

Andreas Keil , sbp small bergermann partner

11:20 – 11:35 **Supporting structure of the Dvorecký Bridge** **15 min.**

Ing. Petr Souček, PONTEX spol. s ro

11:35 – 11:55 **Dvorecký most in Prague – a new tram bridge over the Vltava River from the contractor's perspective** **20 min.**

Ing. Petr Koukolík, Ing. Radim Cihlář, Metrostav TBR as, Strabag as, Firesta as

12:00 – 13:00 **LUNCH** **60 min.**

Parallel section from 14:00

PLATINUM 1+2+3

I I. Bridges – abroad

Chairman: Chmelík Jiří, Vítek Jan

13:00 – 13:15 **Gottliebatalbrücke – monolithic casting of frame corners of semi -integrated hybrid steel-concrete structure** **15 min.**

Assoc. Prof. Ing. Marek Foglar, Ph.D., Metrostav as

13:15 – 13:30 **Bridge structures on the E8 Sørbotn – Laukslett section : knowledge and experience from implementation** **15 min.**

Ing. Tomáš Haluza, Metrostav Norge AS

13:30 – 13:50 **Kriváň Viaduct – Toll booth on the R2 Expressway in Slovakia** **20 min.**

Prof. Ing. Jiří Stráský, DSc ., Stráský, Hustý and partners

13:50 - 14:10 **Overpass R2 Kriváň – Mýtna : Technical challenges and their overcoming** **20 min.**

Ing. Peter Pažma , Ph.D., Doprastav , as

14:10 – 14:25 **Saalequerung Bridge Salzmünde** **15 min.**

Ing. David Franc, PIS PECHAL sro

14:25 – 14:40 **Prefabricated chamber bridge at the exit of road 444 in Israel** **15 min.**

Oleksii Vyshnevetskyi , Ing. Magdaléna Vágnerová, COWI Czech Republic sro

- 14:40 – 14:55 **Cable stayed bridge over Narew river in Nowe Łachy , Masovian Voivodeship voivodship , Poland** **15 min.**
Tomasz Ostalczyk , Skanska Poland
- 14:55 – 15:10 **Progressive construction: Railway bridge ŠRT × III/3813** **15 min.**
Ing. Peter Pažma , Ph.D., Doprastav , as
- 15:10 – 15:25 **The design of network arch bridges with hot- rolled sections – Design concepts & predesign tools** **15 min.**
Dr. Mike Tibolt , ArcelorMittal Steligenca ®

AURUM

III. Bridges in the Czech Republic – science and research

Chair: Řehoř Filip, Slánský Bohuslav

- 13:00 – 13:20 **Production of fine-grained weldable structural steels with higher yield strength up to thicknesses of** **20 min.**
Ing. Jurča Jakub, Ph.D., VÍTKOVICE STEEL as
- 13:20 – 13:40 **Special types of anchoring without the need for drilling** **20 min.**
Ing. Jan David, Hilti ČR spol. s ro
- 13:40 – 13:55 **Underwater surveys and bridge diagnostics** **15 min.**
Prof. Ing. Pavel Ryjáček , Faculty of Civil Engineering, Czech Technical University in Prague, Diveland sro
- 13:55 – 14:15 **Lightweight econduct made of UHPC** **20 min.**
Dr. Ing. Petr Vitek, Hochtief CZ
- 14:15 – 14:30 **Methods of indirect monitoring of deflection, loading and stress of bridges** **15 min.**
Prof. Ing. Pavel Ryjáček , Faculty of Civil Engineering, Czech Technical University in Prague, STATOTEST sro
- 14:30 – 14:50 **Bridge-Soil Interaction Using Midas Civil NX & GTS NX** **15 min.**
Ing. Pavlína Lakatosová , Ph.D., Ing. Vojtěch Krejzar , IDEA StatiCa sro
- 14:50 – 15:10 **Bridge closures – service life and repairs** **15 min.**
Dipl. -Ing. Tristan Mölter , Cirmon sro, Stog -Maurer sro

PLATINUM 1+2+3

I V. Bridges in the Czech Republic – projects and implementations

Chairman: Nováček Jan, Wangler Tomáš

- 15:30 – 15:50 **PPP D35 – bridge structures** 20 min.
Ing. Václav Hvízdal, Pontex spol. sro
- 15:50 – 16:05 **Assignment and construction of the northern bypass of Pardubice from the perspective of the investor and contractor** 15 min.
Ing. Radek Mátl, Petr Vítek, ŘSD ČR, Hochtief CZ
- 16:05 – 16:25 **I/27 ŽIŽELICE, bypass – bridge over the Hutná valley, design and implementation** 20 min.
doc. Ing. Lukáš Vráblík, Ph.D., FEng ., VALBEK, spol. s.r.o
- 16:25 – 16:45 **Construction of the SO201 Žiželice bridge on the I/27 bypass from the contractor's perspective** 20 min.
Martin Nožička, Stavby mostů, as
- 16:45 – 17:05 **Bridge no. 46-072 in Opava** 20 min.
Bc. Petr Matuška, Ing. Martin Řehulka, PORR as
- 17:05 – 17:20 **I/32 Bridge 32-001 over the Cidlina River, total repair** 15 min
Ing. Pavel Mařík, Construction of bridges, as

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III. Bridges in the Czech Republic – science and research

Chairmen: Šesták Jan, Vlasák Martin

- 15:30 – 15:45 **Influence of prestressing reinforcement cohesion on the performance of structures** 15 min.
Jan L. Vitek, Metrostav as, Faculty of Civil Engineering, Czech Technical University in Prague
- 15:45 – 16:00 **New SŽ bridge sample sheet – standardized solution for bridge ledges made of UHPC precast elements for VRT bridges** 15 min.
Ing. Jan Veselý, Ing. Jan Laifr , Pontex , spol. s ro, Railway Administration, state organization, EUROVIA CZ as
- 16:00 – 16:15 **3D printing in transport construction in the context of the prepared methodology for the ŘSD** 15 min.
Ing. Pavel Horák, Czech Technical University

16:15 – 16:35 **From design to management, Bridges in the era of digital engineering** 20 min.

Ing. Lukáš Zemek, Ing. Tomáš Kubín, Ing. Ondřej Klimeš, AFRY CZ sro

16:35 – 16:50 **Use of parameterization in creating project documentation for UHPC bridge components Brezno-Valaská , Slovakia** 15 min.

Ing. Matěj Šach, Ing. Vojtěch Kolínský, Ph.D., COWI, KŠ PREFA sro, DOPRAVOPROJEKT as

16:50 – 17:05 **The importance of bridge pathology for the future estimation of the service life of buildings** 15 min.

Ing. Jan Zemánek, TSK Prague

25. 4. 2025 – Friday – 2nd day of the symposium

Opening of the 2nd day of the symposium

PLATINUM 1+2+3

IV. Bridges in the Czech Republic – projects and implementations Chairmen: Teichman Miroslav, Zbraněk Petr

08:30 – 08:45 **Reconstruction of the railway bridge at km 35.826 on the Plzeň–Žatec line** 15 min.

Ing. Pavel Hrdina, Ing. Marek Brůna, Mosty Záboří

08:45 – 09:00 **Modernization of the Prague-Bubny line (including) – Prague-Výstaviště (including) BRIDGE OVERPASS BUBNY** 15 min.

Ing. Petr HANZAL, Ing. Jiří Lukeš, Metrostav TBR as

09:00 – 09:20 **Modernization of the Prague-Bubny line (incl.) – Prague-Výstaviště (incl.) New railway bridges 01-20-02 and 01-20-03** 20 min.

Ing. Pavel Žatečka, OHLA ŽS, as

09:20 – 09:40 **Reconstruction of the bridge at km 1.279 of the Tábor – Bechyně line** 20 min.

Ing. Martin Vlasák, SUDOP PRAHA as

09:40 – 10:00 **Reconstruction of the bridge at km 1.279 of the Tábor – Bechyně line from the point of view of implementation** 20 min.

Ing. Petr Štásta , Firesta – Fišer, reconstruction, construction, as, SUDOP PRAHA as F-PROJEKT-DOPRAVNÍ STAVBY sro

10:00 – 10:15 **Temporary structures for the construction of the Dvorecký Bridge in Prague** 15 min.

Ing. Vít Němčic, Metrostav TBR as, LODĚ HELIOS sro, V-CON, sro, Metrostav TBR as, Firesta as,

10:15 – 10:30 **Reconstruction of the Liblín Bridge** 15 min.

Ing. Petr Řezka, Pontex , sro

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III. Bridges in the Czech Republic – science and research
Chairperson: Březnická Pavla,
Podlipný Václav

08:30 – 08:45 **Bridge abutments and bridge abutment wings built systems of reinforced soil structures in the Czech Republic and abroad** **20 min.**

Ing. Martin Staš , MACCAFERRI CENTRAL EUROPE sro

08:50 – 09:05 **Current research in the field of non-contact rails associated with the preparation of Annex III MVL 150** **15 min.**

doc. Ing. Marek Foglar, Ph.D., prof. Ing. Pavel Ryjáček , Faculty of Civil Engineering, Czech Technical University, SUDOP PRAHA as, Brno Technical University, Faculty of Civil Engineering

09:05 – 09:20 **Using the HFMI method to increase the fatigue life of bridges and for repairing fatigue cracks** **15 min.**

Ing. Jakub Štěpán, IWE, Faculty of Civil Engineering, Czech Technical University in Prague, University of West Bohemia, RTI

09:20 – 09:35 **Detection and monitoring of fatigue damage** **15 min.**

Kirill Golubiatnikov , CTU in Prague, Faculty of Civil Engineering, Institute of Theoretical and Applied Mechanics of the Academy of Sciences of the Czech Republic, Cotrex pc sro, Preditest sro

09:35 – 09:50 **Bridge architecture through the eyes of production and production documentation** **15 min.**

Ing. David Šedlbauer , Ph.D., ALLCONS Industry sro

09:50 – 10:05 **Findings from diagnostics and calculations of arch bridges from the SŽ Strategic Bridging project** **15 min.**

Ing. Milan Holý, Ph.D., Klokner Institute, Czech Technical University in Prague

10:05 – 10:20 **Knowledge from diagnostics and calculations of steel bridges from the SŽ Strategic Bridging project** **15 min.**

Prof. Ing. Pavel Ryjáček , Faculty of Civil Engineering, Czech Technical University

10:20 – 10:40 **OMO road retention systems – completed constructions** **20 min.**

Ing. Jaroslav Číhal, Stavby OMO sro

PLATINUM 1+2+3

IV. Bridges in the Czech Republic – projects and implementations
Chair: Dubšík Vladimír,
Procházková Zuzana

10:30 – 10:45 **Highway D55 Napajedla – Babice, 1st Bridge on D55 over Moravia and related objects. Experience in the design of PDPS tender documentation. Experience in the activities of author's supervision during construction** **15 min.**

Ing. Vladimír Holič, Ing. Ondřej Dědek, Dopravoprojekt as

10:45 – 11:00 **HIGHWAY D55, NPAJEDLA – BABICE, BRIDGE SO 201 OVER MORAVA** **15 min.**

Ing. Ondřej Kubíček, Firesta – Fišer, reconstruction, construction, as, F-PROJEKT-DOPRAVNÍ STAVBY sro

11:00 – 11:15 **III/41617 Rajhrad – Pitrův most and footbridge** **15 min.**

Ing. Martin Řehulka, Ing. Milan Pacák, Ing. Josef Šopík, Design office PRIS spol. s ro, SÚS of the South Moravian Region, room ., STAVBY SR group sro

11:15 – 11:30 **Retractable bridge overpasses on the D3 motorway** **15 min.**

Ing. Jan Pozdíšek, Ph.D., Stráský, Hustý a partneři sro

11:30 – 11:50 **Capacity increase D1 3+3: Horní Heršpice flyover (bridge no. D1-233)** **20 min.**

Ing. Jan Kabelka, MI Roads as

11:50 – 12:05 **Reconstruction of the bridge no. 57-050 over the Bečva River in Valašské Meziříčí**

15 min.

Ing. Martin Jaroš, Ing. Adam Svoboda, Ph.D., VIAPONT sro, BUT FAST Brno

12:05 – 12:20 **Construction of bridges on the Česká Lípa bypass, construction of I/9 Dubice – Dolní Libchava** **15 min.**

Ing. Lukáš Molcar and Ing. Marián Petr, SUDOP PRAHA as

12:20 – 12:35 **Construction of bridges on the D35 Hořice – Sadová highway** **15 min.**

Bc. Marcel Návojský, Stavby mostů, as

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IV. Bridges in the Czech Republic – projects and implementations – parallel section
Chairmen: Hvizdal Václav, Mařík Pavel

10:40 – 10:55 **Footbridge for pedestrians and cyclists in Hluboká nad Vltavou** **15 min.**

Ing. Vladimír Janata, CSc., EXCON, as

10:55 – 11:15 **Cross-border footbridge Karviná – Hažlach** **20 min.**

Ing. Jakub Vašek, Ing. Matouš Stupka, Dopravoprojekt Ostrava as, FIRESTA-Fišer, reconstruction, construction as

11:15 – 11:30 **St. James's Bridge in Chotíkov – an unconventional arched structure made of UHPC**

15 min

Ing. Jan Marek, KŠ PREFA sro, Bridge Structures sro, MI Roads as

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| 11:30 – 11:45 | Footbridge over the Olšava in Kunovice <i>Ing. Jaromír Rušar , Rušar mosty, sro, Strabag as Transport construction</i> | 15 min. |
| 11:45 – 12:00 | I/35 Liberec bypass – tunnel and bridges 35-018 and 35-020 <i>Ing. Pavel Horák, EUROVIA CZ as</i> | 15 min |
| 12:00 – 12:15 | Bridge 203 on the D35 highway Vysoké Mýto – Džbánov <i>Ing. Aleš Pražák, Stavby mostů, as</i> | 15 min. |
| 12:15 – 12:20 | Conclusion 3 1st Symposium BRIDGES 2026 | 5 min. |
| 12:20 – 13:20 | LUNCH | 60 min. |