



CETRA²⁰²⁶

**9th International
Conference
on Road and Rail
Infrastructure**

27–29 May 2026
Bol, Island Brač,
Croatia

cetra.grad.hr

Organizer
University of Zagreb
Faculty of Civil Engineering
Department of Transportation



Conference Goals

Although transportation needs vary from country to country, the exchange of research findings and practical experiences can offer considerable benefits worldwide. The main objective of the CETRA conference is to serve as a platform for dialog on important topics in all disciplines of the road and rail sector. One of the main challenges of this conference is to bridge the gap between researchers and professionals involved in the design, construction, maintenance and management of transportation infrastructure. Bridging this gap is particularly important today as sustainable and resilient transportation systems become increasingly important – systems that can minimize environmental impact and adapt to disruptions and changing conditions, including those caused by climate change.



CETRA Conference welcomes a broad range of scientific and technical papers in the fields of Civil, Transport, Geotechnical, Environmental, and Traffic Engineering. This year, we invite you to join us in exploring and addressing many challenges involved in delivering safe, resilient, sustainable, and smart transport infrastructure. We also encourage the presentation of innovative approaches aimed at solving these issues. Papers considered for publication should be original contributions to the theory or practice of infrastructure engineering, provide a state-of-the-art overview of relevant topics, or present case studies where theoretical approaches are applied to significant infrastructure challenges.

Conference Topics

Topics of interest for submission include but are not limited to the following areas of road and rail engineering. In the submission process they are called tracks.

- **Infrastructure:** Sustainable Planning, Long-Term Infrastructure Strategies, Climate Resilience Adaptation, Ecological Economic Efficiency, Geometric Structural Design, Infrastructure Systems Modelling, Digital Twins Simulation, Innovative Construction Techniques, Recycled Alternative Materials, Predictive Preventive Maintenance, Real-Time Infrastructure Monitoring, Life-Cycle Cost Assessment, Asset Management Systems, Renewal Process Optimization, Decision Support Analysis, Low-Carbon Construction Methods, Advanced Laboratory Testing, In-Situ Measurement Techniques, Field Data Validation.
- **Traffic:** Network Planning Operations, Multimodal Intermodal Integration, Timetabling Capacity Assessment, Traffic Modelling, Safety Risk Assessment, Vulnerable User Protection, Intelligent Transport Systems, Connected Vehicle Technologies, Digital Mobility Platforms, Service Quality Optimization, Accessibility Inclusive Mobility, Real-Time Traffic Management, Logistics Passenger Integration, Sustainable Urban Mobility.
- **Vehicles & Facilities:** Vehicle Facility Design, Rolling Stock Engineering, User-Centered Facility Design, Fleet Facility Management, Predictive Vehicle Maintenance, Vehicle-Track Interaction Monitoring, Vehicle Electrification Technologies, Alternative Propulsion Systems, Energy-Saving Strategies, Connected Autonomous Vehicles, Driver Automation Systems, Human-Machine Interface, Crew Scheduling Operations, Freight Vehicle Management, Multimodal Vehicle Integration, Greenhouse Gas Reduction.

Important deadlines

Abstract submission	15 November 2025
Abstract acceptance	10 December 2025
Full paper submission	1 February 2026
Full paper acceptance	10 April 2026

Call for Abstracts

The abstract submission deadline is 15 November 2025. Abstract is restricted to 300 words and must be written in English language. Authors are invited to submit abstracts of their papers via CETRA Conference website using the on-line submission system. All abstracts will be forwarded to the Scientific Committee for double blind review. Authors will be notified of the acceptance of their abstract via e-mail. After abstract acceptance, authors will be invited to send full papers up to 8 pages long. All submitted papers will undergo a double-blind review.

Publishing and Indexing

All accepted papers will be published in full length in the CETRA 2026 Conference Proceedings “Road and Rail Infrastructure IX”, both in printed and digital form. All CETRA Conference Proceedings, including CETRA 2026, are indexed in WoS Core Collection (CPCI-S), Google Scholar and TRID database. DOI number (Digital Object Identifier) will be assigned to each published paper.

Conference Organization

CETRA 2026 is organized by the University of Zagreb, Faculty of Civil Engineering, Department of Transportation Engineering.

Chairmen

Prof. **Stjepan Lakušić**

Prof. emer. **Željko Korlaet**

Organizing Committee

Prof. **Stjepan Lakušić**
Prof. emer. **Željko Korlaet**
Prof. **Vesna Dragčević**
Prof. **Tatjana Rukavina**
Assoc. Prof. **Ivica Stančerić**
Assoc. Prof. **Maja Ahac**
Assoc. Prof. **Saša Ahac**
Assoc. Prof. **Josipa Domitrović**

Assoc. Prof. **Ivo Haladin**
Assist. Prof. **Tamara Džambas**
Dr. **Katarina Vranešić**
Krešimir Burnać
Ana Čudina Ivančev
Franka Meštrović
Željko Stepan

At the Conference

Official languages of CETRA Conference are Croatian and English. All accepted papers are planned to be presented orally. Oral presentation must be supported by a PPT document. Template for presentations will be available for download from the web site. All PPT presentations must be in English. Each presenter will be provided with 10 – 15 minutes for oral presentation (including 2 minutes for the discussion). Simultaneous translation from Croatian into English and vice versa will be provided during the sessions in the main hall, the opening and closing ceremonies.

Registration Fee and Payment

Each paper submitted for the CETRA Conference must be covered by at least one author or student registration fee to be published. Fees cover attendance to the opening and closing ceremonies of the Conference and all the sessions; Conference proceedings, attendance certificate, bag, and other material; welcome reception, all lunches and coffee breaks, and a gala dinner. All supporting activities are organized in cooperation with the Dubrovnik Sun Agency. Payment options and instructions will be available through Conference web site from December 2025.

Registration fee	Before 31 March	After 1 April
Participants	500 EUR	550 EUR
Authors	450 EUR	500 EUR
PhD Students*	300 EUR	350 EUR
Accompanying persons**	175 EUR	225 EUR

* CETRA Conference encourages the active participation of young scientists, with the aim to help developing the scientific leaders of the future. To be eligible for reduced conference fee, PhD students must submit the Certificate of Enrolment for the current academic year 2025/2026.

** The fee is for participants who are not paper co-authors, and enables them to participate in welcome reception, lunches, and gala dinner.



🔗 Location

CETRA 2026 will be held in Bol, Island Brač, Croatia in 4* Hotel Bluesun Elaphusa.

Bol is the oldest coastal settlement on the island of Brač and is located on the southern side beneath Vidova Gora, the highest peak of all the Adriatic islands. Stretching for several kilometers along the clear, turquoise sea, Bol is known for its beautiful beaches.

To the west lies Zlatni Rat, one of the most iconic natural attractions of the Adriatic. This unique beach stretches into the sea like a tongue, constantly changing its shape with waves and sea currents.

On the eastern side, the Dominican Monastery stands peacefully on the Glavica peninsula, home to a museum with valuable archeological and artistic collections. Bol's historic center features baroque mansions, a Renaissance-Baroque palace, a parish church and traditional stone houses that blend harmoniously into the landscape.

The newer part of Bol, towards Zlatni Rat, is home to the town's main hotels. With its peaceful bays, fragrant sage and rosemary and the soothing sound of crickets, Bol offers both tranquility and opportunities for an active vacation – a place where every visitor can find their own retreat.

Although Bol is located on the island, it is easy to reach as there are regular ferry connections from Split and direct flights from Zagreb.

🔗 Conference Secretariat

Dr Katarina Vranešić

University of Zagreb, Faculty of Civil Engineering

Tel: +385 (1) 4800 701

E-mail: cetra@grad.hr

🔗 Previous CETRA Conferences

CETRA 2010, 17–18 May 2010, Opatija, Croatia
286 participants from 29 countries

CETRA 2012, 7–9 May 2012, Dubrovnik, Croatia
255 participants from 39 countries

CETRA 2014, 28–30 April 2014, Split, Croatia
212 participants from 41 countries

CETRA 2016, 23–25 May 2016, Šibenik, Croatia
153 participants from 36 countries

CETRA 2018, 17–19 May 2018, Zadar, Croatia
286 participants from 51 countries

CETRA 2020*, 20–21 May 2021, Zagreb, Croatia
191 participants from 31 countries (on-line)

CETRA 2022, 11–13 May 2022, Pula, Croatia
206 participants from 28 countries

CETRA 2024, 15–17 May 2024, Cavtat, Croatia
260 participants from 37 countries