



CETRA 2024

**8th International
Conference
on Road and Rail
Infrastructure**

**15–17 May 2024
Cavtat, Croatia**

cetra.grad.hr

Organizer
University of Zagreb
Faculty of Civil Engineering
Department of Transportation



∞ Conference Goals

Although the transport needs of nations around the world differ in detail, there is much benefit to be derived by sharing research findings and practical experience. CETRA Conference aims to provide a forum for dialogue on important issues across all disciplines and aspects of the road and rail sectors. The main gaps to be filled are those between researchers and practitioners in design, construction, maintenance, and management of transport infrastructure systems, especially regarding an increased need for sustainable and resilient transport systems – with minimum environmental impacts and able to withstand disruption and absorb disturbance by adapting to changing conditions, including climate change.



CETRA Conference serves as a platform for a broad blend 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 identifying and discussing a range of challenges faced in delivering safe, resilient, sustainable, and smart transport infrastructure as well to introduce innovative approaches to resolve these problems and challenges. Papers considered for publication are original papers that form a contribution to the theory or practice of infrastructure engineering, present state-of-the-art on topics related to infrastructure, or case studies in which theory is applied to a significant infrastructure problem.

∞ 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:** strategic and sustainable planning, design, (re)construction, modernization, management; innovation and green technology; laboratory testing, real-time monitoring, modelling, condition assessment, optimization, and maintenance.
- ▶ **Traffic:** reliable network planning, modelling, design; safety; computer techniques and simulations; travel time and service quality; transport operation management, sustainability and intermodality; urban transport modelling, integration, and mobility.
- ▶ **Facilities and vehicles:** design, management, monitoring, and maintenance; renewable energy supply of transport systems and traction vehicles.

∞ Call for Abstracts

The abstract submission deadline is 22 December 2023. 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.

∞ Important deadlines

Abstract submission	22 December 2023
Abstract acceptance	10 January 2024
Full paper submission	1 March 2024
Full paper acceptance	10 April 2024

🔗 Publishing and Indexing

All accepted papers will be published in full length in the CETRA 2024 Conference Proceedings “Road and Rail Infrastructure VIII”, both in printed and digital form. All CETRA Conference Proceedings, including CETRA 2024, 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. Each paper submitted for the CETRA Conference must be covered by at least one author or student registration fee to be published.

🔗 Conference Organization

CETRA 2024 is organized by University of Zagreb, Faculty of Civil Engineering, Department for Transportation Engineering, with the support of International Road Federation and FEHRL – the Forum of European National Highway Research Laboratories.

Chairmen

Prof. **Stjepan Lakušić**

Prof. emer. **Željko Korlaet**

Organizing Committee

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🔗 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). The oral presentation can be in Croatian or English. Simultaneous translation will be provided during sessions, opening, and closing ceremonies.



Dubrovnik Old Town

🔗 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 2023**.

Registration fee	before 31 March	after 31 March
Participants	450 EUR	500 EUR
Authors	400 EUR	450 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 Enrollment for the current academic year 2023/2024.*

** *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 2024 will be held in Cavtat, Croatia in 5* hotel Croatia. The location gives a special blend of history (1600-year-old city of Dubrovnik), transportation engineering achievements and natural beauty of the Adriatic coast.

Cavtat is a unique small town located 17 km south-east of Dubrovnik and only 5 km from Dubrovnik Airport (DBV). This small town is known for its more than 7 kilometres of sandbanks, clean sea water, sand beaches, bays, and fine new hotels of high and luxury class. Its scenery and rich cultural and historical heritage meet the demands of present-day tourists, thus making it one of the most attractive destinations on the Adriatic.

Dubrovnik, a 1,600-year-old city, was a significant Mediterranean Sea power in the 15th century when its merchant fleet was the second largest in the Mediterranean. Although it was severely damaged by an earthquake in 1667 and endured an eight-month-long armed siege in the 1990s, Dubrovnik has preserved its beautiful Gothic, Renaissance and Baroque churches, monasteries, palaces and fountains. Today, this former centre of the independent Republic of Ragusa invites superlatives and attracts over a million visitors annually. North of Dubrovnik, connecting Dubrovnik-Neretva County to rest of Croatia, stands a remarkable 2.4 km long cable-stayed **Pelješac bridge** - an engineering marvel that opened for traffic in 2022.

Conference Secretariat

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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

