



CETRA 2022
11–13 May 2022
Pula, Croatia

7th International Conference on Road and Rail Infrastructure – CETRA 2022

11–13 May 2022, Pula, Croatia

cetra.grad.hr



FEHRL

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 climate change adaptation, smart construction materials, and infrastructure data analysis.

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. 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:

- ▶ **Infrastructure** – planning, design, (re)construction, modernization, and management; building information modelling; innovation and sustainability; monitoring, modelling, condition assessment, optimization, and maintenance.
- ▶ **Traffic** – planning, modelling, design, and safety; computer techniques and simulations; travel time and service quality; operation management, sustainability, and intermodality; urban transport modelling, integration, and mobility; autonomous vehicles; alternative vehicle power supply.

∞ Important deadlines

Abstract submission	10 January 2022
Abstract acceptance	20 January 2022
Full paper submission	1 March 2022
Full paper acceptance	20 March 2022

∞ Call for Abstracts

Authors are invited to submit abstracts of their papers via CETRA Conference website (www.grad.unizg.hr/cetra) using the on-line submission system. Abstract is restricted to 300 words and must be written in English language. 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.

∞ Call for Papers

After abstract acceptance, authors will be invited to send full papers up to 8 pages long (including pictures, diagrams, tables, and references). Papers considered for publication should be 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. All submitted papers will undergo a double-blind review.

∞ Publishing and Indexing

All accepted papers presented at the Conference will be published in full length in the CETRA 2022 Conference Proceedings “Road and Rail Infrastructure VII”, both in printed and digital form (book: ISSN 1848-9842; CD-ROM: ISSN 1848-9850). CETRA Conference Proceedings are indexed in WoS Core Collection (CPCI-S), Google Scholar, and TRID database, and DOI number will be assigned to each published paper.

Authors of the papers for which the Scientific Committee evaluate that significantly contribute to science will be invited to submit their extended manuscript to scientific journals GRADEVINAR (SCI Expanded Journal, www.casopis-gradjevinar.hr) published by Croatian Association of Civil Engineers and International Journal of Road and Railway Infrastructure published by University of Zagreb, Faculty of Civil Engineering, in accordance with the usual procedure for publication.



Conference Organization

Chairmen

Prof. **Stjepan Lakušić** Prof. emer. **Željko Korlaet**

Organizing Committee

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Audrius Vaitkus, Vilnius Gediminas Technical University
Andelko Vlašić, University of Zagreb

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 A.T.I. Travel Agency. Payment options and instructions will be available through Conference web site **from February 2022**.

Registration fee	before 31 March	after 31 March
Participants	350 EUR	400 EUR
Authors	300 EUR	350 EUR
PhD Students*	225 EUR	250 EUR
Accompanying persons**	100 EUR	125 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 2021/2022.*

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

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.

∞ Location and Venue

CETRA 2022 will take place in Pula, 3000-year-old city located at the tip of Istria peninsula. The Greek myth tells Pula was founded by Jason and Medea during their escape from Colchis fleets. Because of that, literature and poetry consider Pula to be the city of refuge. And indeed, in many ways, it is a place of retreat to people tired of everyday worries, hungry for culture, joy and entertainment. Pula was governed by many cultures since mythological times, and each of them left a mark on its ground. This largest Istrian city is symbolised by its Roman remains – like the Arena, the 2,000-year-old amphitheatre with its nearly intact walled ring – but also Venetian, Napoleonic, and Habsburg fortresses. Pula is situated on the shores of its eponymous bay, built atop seven hills as a parallel to ancient Rome, and even though it is a city with shipyard docks and not beaches, the natural beauty of the surrounding countryside and turquoise water of the Adriatic have made it a popular vacation destination. CETRA 2022 venue, Hotel Park Plaza Histria, is located few kilometres south from the city's centre, at the The Park Plaza Verudela Resort.

∞ Conference Secretariat

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∞ Registration, Booking & Payment

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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)

