



CETRA²⁰¹⁸

Call for Papers

5th International Conference on Road and Rail Infrastructure

17–19 May 2018
Zadar, Croatia

253 abstracts submitted
from **43** countries.

www.grad.unizg.hr/cetra



Organizer
University of Zagreb
Faculty of Civil Engineering
Department of Transportation



Supporting organization
International Road Federation

∞ 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. **The 5th International Conference on Road and Rail Infrastructure – CETRA 2018** 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 with regard to an increased need for climate change adaptation, smart construction materials, and infrastructure data analysis.

CETRA 2018 Conference serves as a platform for a broad blend of scientific and technical papers in the fields of **Civil, Transport, Geotechnical, Environmental, Traffic** and **Electrical Engineering** with application in Road and Rail Infrastructure. Papers considered for publication are original papers that form a contribution to the theory or practice of infrastructure engineering, present state-of-the-art work on topics related to infrastructure, or case studies in which theory is applied to a significant infrastructure problem.

∞ Call for Papers

Authors are invited to submit abstracts of their papers (250–300 words) via **CETRA 2018** Conference website (www.grad.unizg.hr/cetra) using the on-line submission system. Authors will be notified of the acceptance of their abstract via e-mail. They will then be invited to send full papers using the Template for Papers. Papers should be up to 8 pages long (including pictures, diagrams, and tables) and must be submitted using the on-line submission system. The **CETRA 2018** Scientific Committee will double blind review all submitted papers. To ensure the quality of conference proceedings, all papers will be processed through CrossRef Similarity Check.

Official languages of **CETRA 2018** Conference are **Croatian** and **English**. Simultaneous translation from English to Croatian and from Croatian to English will be provided during the sessions, opening and closing ceremonies. All accepted papers are planned to be presented orally.

∞ Conference Topics

Topics of interest for submission include, but are not limited to the following areas of **road** and **rail** engineering:

- ▶ **Infrastructure** – planning, design, construction, monitoring, maintenance and management;
- ▶ **Green Transport** – infrastructure, vehicle and operation sustainability;
- ▶ **Traffic** – recent advances in modelling, safety, mobility and technology.

∞ Publishing and Indexing

All accepted papers will be published in full length in the **CETRA 2018 Conference Proceedings “Road and Rail Infrastructure V”**, both in printed and digital form (book: ISSN 1848-9842; digital form: ISSN 1848-9850).

All **CETRA 2018**, 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.



∞ Marketing Presentations

Companies related to roads and railways may apply for advertising during the conference. The following marketing and corporate advertising opportunities are available:

- ▶ advertising in the conference proceedings on 1/1 page (500 EUR)
- ▶ presentation on boards set up in the conference areas (350 EUR)
- ▶ exhibition space (average 300 EUR/m²)

We hope that companies will recognize the conference as a useful marketing opportunity to present their activities, products and business potential to a targeted audience. Companies are also welcome to make a sponsorship to the conference. Depending on the variant – in the amounts of EUR 5.000, 3.000 or 2.000 – the company can become a Gold, Silver or Bronze conference sponsor. A more detailed information can be obtained by contacting the Conference Secretariat on cetra@grad.hr

☉ Conference Organization

Chairmen

Prof. **Stjepan Lakušić**

Prof. emer. **Željko Korlaet**

Organizing Committee

Prof. **Stjepan Lakušić**

Brendan Halleman

Prof. emer. **Željko Korlaet**

Tamara Džambas

Prof. **Vesna Dragčević**

Viktorija Grgić

Prof. **Tatjana Rukavina**

Šime Bezina

Assist. Prof. **Ivica Stančerić**

Katarina Vranešić

Assist. Prof. **Saša Ahac**

Željko Stepan

Assist. Prof. **Maja Ahac**

Assist. Prof. **Ivo Haladin**

Assist. Prof. **Josipa Domitrović**

☉ Registration Fee and Payment

Each paper submitted for the **CETRA 2018** Conference must be covered by at least one author or student registration fee in order to be published. Fees cover attendance to the opening and closing ceremonies of the Conference and all of 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 **ULIX Agency**. Payment options and instructions will be available through Conference web site from **January 2018**.

Registration fee	Before March 15 th	After March 15 th
Participants	350 EUR	400 EUR
Authors	300 EUR	350 EUR
PhD Students*	225 EUR	250 EUR
Accompanying persons**	100 EUR	125 EUR

* In order to be eligible for reduced conference fee, students must submit the Certificate of Enrolment for the current academic year 2017/2018.

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

☉ Important Deadlines

Abstract submission: **10 January 2018**

Abstract acceptance: **1 February 2018**

Full paper submission: **15 March 2018**

Full paper acceptance: **15 April 2018**

International Academic Scientific Committee

Borna Abramović, University of Zagreb

Maja Ahac, University of Zagreb

Saša Ahac, University of Zagreb

Darko Babić, University of Zagreb

Danijela Barić, University of Zagreb

Davor Brčić, University of Zagreb

Domagoj Damjanović, University of Zagreb

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Rudolf Eger, RheinMain University

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Makoto Fujii, Kanazawa University

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Lajos Kisgyörgy, Budapest Univ. of Tech. and Economics

Stasa Jovanovic, University of Novi Sad

Željko Korlaet, University of Zagreb

Meho Saša Kovačević, University of Zagreb

Zoran Krakutovski, Ss. Cyril and Methodius Univ. in Skopje

Stjepan Lakušić, University of Zagreb

Dirk Lauwers, Ghent University

Janusz Madejski, Silesian Univ. of Technology

Goran Mladenović, University of Belgrade

Tomislav Josip Mlinarić, University of Zagreb

Nencho Nenov, University of Transport in Sofia

Mladen Nikšić, University of Zagreb

Otto Plašek, Brno University of Technology

Mauricio Pradena, University of Concepción

Carmen Racanel, Tech. Univ. of Civil Eng. Bucharest

Tatjana Rukavina, University of Zagreb

Andreas Schoebel, Vienna University of Technology

Adam Szelağ, Warsaw University of Technology

Ivica Stančerić, University of Zagreb

Marjan Tušar, National Institute of Chemistry, Ljubljana

Audrius Vaitkus, Vilnius Gediminas Technical University



∞ Location and Venue

CETRA 2018 will take place in Zadar, the Best European Destination 2016. Like Alfred Hitchcock said, it is a *“town with the most beautiful sunset in the world”*. This Dalmatian city boasts a long and dynamic history that goes three thousand years back in time. Some of the biggest attractions in the city are the Greeting to the Sun and Sea Organ. **CETRA 2018** will take place in the four-star **Hotel Kolovare**, located near historical landmarks of the ancient city of Zadar, in a peaceful and picturesque part of the city, close to the sea.

∞ Conference Secretariat

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∞ Previous CETRA Conferences

- CETRA 2010**, 17–18 May 2010, Opatija, Croatia
Participants from 28 countries
- CETRA 2012**, 7–9 May 2012, Dubrovnik, Croatia
Participants from 39 countries
- CETRA 2014**, 28–30 April 2014, Split, Croatia
Participants from 41 countries
- CETRA 2016**, 23–25 May 2016, Šibenik, Croatia
Participants from 36 countries

