



Photo: Yana Pinczon du Sel / Flickr

### ∞ Location

The Conference CETRA 2016 will be held on 23–25 May 2016 in Šibenik.

Šibenik is the first town in the world to benefit from electric lighting. In fact, on 28 August 1895, the alternating current electric lighting was activated for the first time in the streets of Šibenik. The merit for this certainly goes to the inventor, visionary genius and researcher of Croatian descent, **Nikola Tesla**, whose alternating current discovery lighted up streets and squares of Šibenik.

The Šibenik power plant was the first alternating current power system in Croatia, the first commercial hydro power plant in Europe, and the second one in the world. It was put in operation on 28 August 1895 at 20:00, two days after the Adams Power Plant on the Niagara Falls.

### ∞ Conference Venue

CETRA 2016 will take place at the **Hotel Ivan** in the heart of the **Solaris Beach Resort**.

The Solaris hotel Ivan is a brand new story: modern design with authentic Dalmatian and Šibenik themes, harmoniously interwoven throughout the hotel premises. **CETRA 2016** participants will conveniently benefit from special prices at this hotel.

### ∞ Conference Secretariat

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### ∞ Previous CETRA Conferences

**CETRA 2010**, 17-18 May 2010, Opatija, Croatia  
Participants from 28 countries

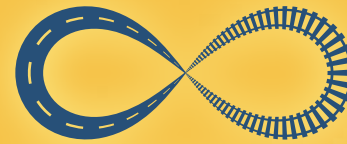
**CETRA 2012**, 7-9 May 2012, Dubrovnik, Croatia  
Participants from 39 countries

**CETRA 2014**, 28-30 April 2014, Split, Croatia  
Participants from 41 countries



### ∞ Payments & Hotel Reservations

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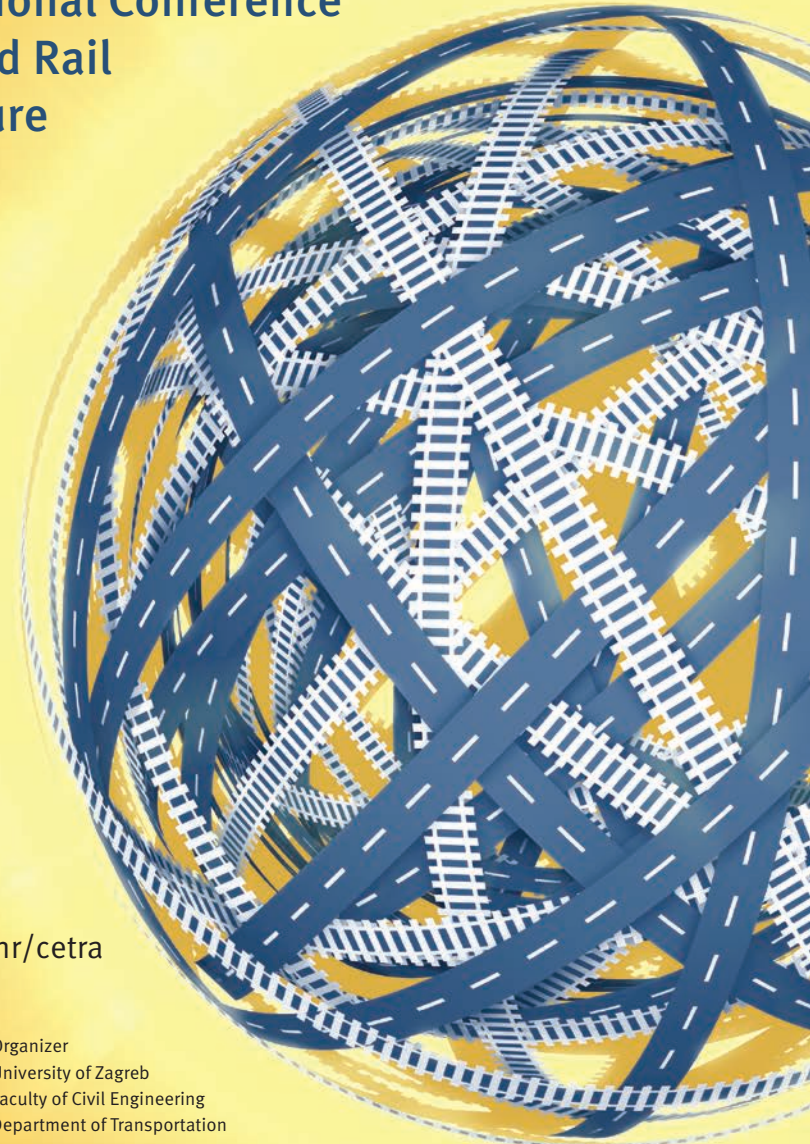


**CETRA**<sup>2016</sup>

**Call for papers**

## 4<sup>th</sup> International Conference on Road and Rail Infrastructure

23–25 May 2016  
Šibenik, Croatia



[www.grad.unizg.hr/cetra](http://www.grad.unizg.hr/cetra)



Organizer  
University of Zagreb  
Faculty of Civil Engineering  
Department of Transportation

## Conference Goals

The intention of the 4<sup>th</sup> International Conference on Road and Rail Infrastructure – CETRA 2016 is to bring together scientists and experts in the fields of road and railway engineering, and give them one more opportunity to present the results of their research, findings and innovations. The development of a society, particularly its economic development, is presently unthinkable without a developed transportation infrastructure, roads and railways in particular. The conference will be an opportunity for scientists and experts in the field of roads and railways to analyze problems encountered in everyday engineering practice and to offer possible solutions for a more efficient planning, design, construction and maintenance in these areas.

A great novelty is that the CETRA 2016 conference will be indexed in the TRID base, which is an integrated database that combines the records from TRB's *Transportation Research Information Services (TRIS)* Database, and the OECD's Joint Transport Research Centre's *International Transport Research Documentation (ITRD)* Database. TRID provides access to more than one million records of transportation research worldwide. In addition, the TRID base has accepted all papers that were published at previous CETRA conferences. We are still waiting for the decision on indexing the already published CETRA conference papers in the SCOPUS and Thomson Reuters Web of Knowledge. The indexing in such bases is important for achieving greater recognition for the conference itself, for the published papers and, clearly, for their authors.

## Call for Papers

Authors are invited to send abstracts of their papers (250–300 words) by **15 January 2016** via the conference website: [www.grad.unizg.hr/cetra](http://www.grad.unizg.hr/cetra) using the on-line submission system. Authors will be notified of the acceptance of their abstract via e-mail by **31 January 2016**. 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 by **31 March 2016**. All papers submitted will be reviewed by the Scientific Committee of the conference.

Official languages of the conference are Croatian and English. Simultaneous translation from English to Croatian and from Croatian to English will be provided during the conference.

All papers accepted for the conference will be fully published in the book of proceedings "Road and Rail Infrastructure IV", both in printed and digital form (on CD). Papers for which the Scientific Committee evaluate that significantly contribute to science will be submitted to scientific journal GRAĐEVINAR in accordance with the usual procedure for publication.

GRAĐEVINAR is SCI Expanded Journal, more details you can find on <http://www.casopis-gradjevinar.hr/>



## Conference Topics

- ▶ Traffic Planning and Modelling
- ▶ Infrastructure Projects
- ▶ Infrastructure Management
- ▶ Road Pavement
- ▶ Rail Track Structure
- ▶ Construction and Maintenance
- ▶ Transport Geotechnics
- ▶ Tunnels and Bridges
- ▶ Structural Monitoring
- ▶ Computer Techniques and Simulations
- ▶ Noise and Vibration
- ▶ Innovation and New Technology
- ▶ Urban Transport
- ▶ Electric Transport for a Smart City
- ▶ Integrated Timetables on Railways
- ▶ Traction Vehicles
- ▶ Vehicles Dynamics
- ▶ Traffic Safety
- ▶ Power Supply of Transport Systems

## 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/m<sup>2</sup>)

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 donation and 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 donor or sponsor, respectively. A more detailed information can be obtained by contacting the Conference Secretariat on [cetra@grad.hr](mailto:cetra@grad.hr)

## Registration Fee

The registration fee includes: conference proceedings and other conference materials, a welcome cocktail, lunches during the conference and a gala dinner. For accompanying persons it includes the welcome cocktail, lunches and a gala dinner. All supporting facilities at CETRA 2016 are organized in cooperation with the ULIX Agency.

Registration fee	Before 5 May	After 5 May
Participants (regular fee)	350 EUR	400 EUR
Reduced fee for authors	325 EUR	375 EUR
Reduced fee for students	225 EUR	250 EUR
Accompanying persons	100 EUR	125 EUR

Payment options and instructions will be available through conference web site from 15 December 2016.

## Important Deadlines

Abstracts submission (extended):	15 February 2016
Abstracts acceptance (extended):	29 February 2016
Submission of full papers:	31 March 2016
Acceptance of papers:	30 April 2016
Registration and payment:	May 2016

## Conference Organization

### Chairmen

Prof. Stjepan Lakušić  
Prof. emer. Željko Korlaet

### Organizing Committee

Prof. Stjepan Lakušić  
Prof. emer. Željko Korlaet  
Prof. Vesna Dragčević  
Prof. Tatjana Rukavina  
Assist. Prof. Ivica Stančerić  
Assist. Prof. Saša Ahac

Maja Ahac, PhD  
Ivo Haladin  
Josipa Domitrović, PhD  
Tamara Džambas  
Viktorija Grgić  
Šime Bezina

### International Academic Scientific Committee

Davor Brčić, University of Zagreb  
Dražen Cvitanić, University of Split  
Sanja Dimter, Josip Juraj Strossmayer Univ. of Osijek  
Aleksandra Deluka Tibljaš, University of Rijeka  
Vesna Dragčević, University of Zagreb  
Rudolf Eger, RheinMain University  
Makoto Fujiu, Kanazawa University  
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Goran Mladenović, University of Belgrade  
Tomislav Josip Mlinarić, University of Zagreb  
Nencho Nenov, University of Transport in Sofia  
Mladen Nikšić, University of Zagreb  
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Otto Plašek, Brno University of Technology  
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Tatjana Rukavina, University of Zagreb  
Andreas Schoebel, Vienna University of Technology  
Adam Szeląg, Warsaw University of Technology  
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