



# mipro 2018

May 21 - 25, 2018

# CTS

# 41<sup>ST</sup> International Convention MIPRO

Grand Hotel Adriatic Congress Centre & Hotel Admiral, Opatija, Adriatic Coast, Croatia

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- Leonardo Jelenković (Croatia)
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- Nikola Mišković (Croatia)

## IMPORTANT DATES

- Abstract submission**  
January 8, 2018
- Full-paper submission**  
February 5, 2018
- Acceptance notification**  
March 12, 2018
- Camera ready submission**  
March 26, 2018

Instructions for paper preparation can be found on [www.mipro.hr](http://www.mipro.hr)

## REGISTRATION / FEES

Before May 7, 2018 | After May 7, 2018

### Members of MIPRO and IEEE

180 EUR	200 EUR
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**Students**  
(undergraduate and graduate)

100 EUR	110 EUR
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**Others**

200 EUR	220 EUR
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## MORE INFO

For all future information please visit [www.mipro.hr](http://www.mipro.hr) or contact directly CTS Chairman:

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## CALL FOR PAPERS

## CONFERENCE ON

# COMPUTERS IN TECHNICAL SYSTEMS (CTS)

## SCOPE

The purpose of the MIPRO CTS Conference is to bring together researchers, engineers and practitioners interested in the application of Informatics in Technical Systems. The conference is organized in several sessions topics and intends to emphasize this connection; therefore, authors should highlight the benefits of Information Technology in these areas.

Accepted papers will be published in the ISBN registered conference proceedings. Accepted papers in English will be submitted for posting to IEEE Xplore. The IEEE reserves the right to exclude a paper from distribution after the conference (including its removal from IEEE Xplore) if the paper is not presented at the conference.

Topic areas and sub-topics list is not exhaustive. Papers may address one or more of the listed sub-topics, although authors should not feel limited by them. Unlisted but related sub-topics are also acceptable, provided they fit in one of the following main topic areas:

### 1. Industrial Automation and Robotics

- Information Technology in Industrial and Factory Automation and Planning
- Automation and Control Systems
- Industrial Robotics and Manipulation Systems
- Autonomous Vehicles
- Autonomous Robotic Systems

### 2. Software Design and Automation in Industry

- Manufacturing System Modeling and Optimization
- Automated Manufacturing Systems and Development Methodology
- Production Planning, Scheduling, and Control
- Computer-based Manufacturing Technologies
- Quality Control and Management
- Energy Efficiency and Green Manufacturing
- Real-Time Embedded Technology and Applications

### 3. Embedded Systems

- Modeling of Embedded Systems
- Hardware and Software for Embedded Systems
- Embedded Multicore/Many-core Systems-on-Chip

- Security of Embedded Systems and Embedded Systems for Security
- Cyber-Physical Systems and Sensor Networks

### 4. Advanced and Emerging Software Engineering, Applications, and Technologies

- Software Engineering, Methods, and Techniques
- Software Performance, Verification and Validation
- Green Computing
- Internet of Things
- Socio-Technical Systems
- Web, Mobile, and Cloud Computing
- High-Performance Computing

### 5. Professional Papers Section in Croatian Language\*

- Topic related to the conference, which represent software, hardware, projects, activities, and/or innovations that are of relevance to a diverse audience and contribute to their professional development.

The official language of the conference is English, except for special Croatian Section

Please forward to your colleagues





## INTERNATIONAL PROGRAM COMMITTEE

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Submit your paper for the conference CTS which will be held at the 41<sup>st</sup> International ICT Convention MIPRO 2018.



Croatian Society MIPRO, IEEE Croatia Section, University of Zagreb and University of Rijeka will organize the conference.

The conference is supported by the Ministry of Science and Education of the Republic of Croatia, Ministry of the Sea, Transport and Infrastructure of the Republic of Croatia, Ministry of Economy, Entrepreneurship and Crafts of the Republic of Croatia, Ministry of Public Administration of the Republic of Croatia, Central State Office for the Development of Digital Society, Croatian Chamber of Economy, Primorje-Gorski Kotar County, City of Rijeka, City of Opatija, Croatian Regulatory Authority for Network Industries and Croatian Power Exchange - CROPEX.

## ABOUT LOCATION

Opatija, with its 170 years long tourist tradition, is the leading seaside resort of the Eastern Adriatic and one of the most famous tourist destinations on the Mediterranean. With its aristocratic architecture and style Opatija has been attracting renowned artists, politicians, kings, scientists, sportsmen as well as business people, bankers, managers for more than 170 years.

The tourist offering of Opatija includes a vast number of hotels, excellent restaurants, entertainment venues, art festivals, superb modern and classical music concerts, beaches and swimming pools and is able to provide the perfect response to all demands.

Opatija, the Queen of the Adriatic, is also one of the most prominent congress cities on the Mediterranean, particularly important for its international ICT conventions MIPRO that have been held in Opatija since 1979 gathering more than a thousand participants from more than forty countries. These conventions promote Opatija as the most desirable technological, business, educational and scientific center in Southeast Europe and the European Union in general.

For more details please look at [www.opatija.hr](http://www.opatija.hr) and [visitopatija.com](http://visitopatija.com).

*Lampadem tradere*

