



mipro 2018

41ST International Convention MIPRO

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

May 21 - 25, 2018

CTS

CHAIRS

V. Sruk, Croatia
L. Jelenković, Croatia
D. Škvorc, Croatia
J. F. Novak, Croatia
N. 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

REGISTRATION / FEES

Before May 7, 2018 | After May 7, 2018

Members of MIPRO and IEEE	
180 EUR	200 EUR
Students (undergraduate and graduate)	
100 EUR	110 EUR
Others	
200 EUR	220 EUR

MORE INFO

For all future information please visit www.mipro.hr or contact directly CTS Chairman:

Vlado Sruk

University of Zagreb
Faculty of Electrical Engineering and Computing
Unska 3
HR-10000 Zagreb, Croatia

Phone: +385 1 6129 945
Fax: +385 1 6129 653
E-mail: vlado.sruk@fer.hr

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. Papers written and presented in English at the conference MIPRO will be submitted for posting to IEEE Xplore.

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

Petar Biljanović, General Chair, Croatia

S. Amon, Slovenia
 V. Andelić, Croatia
 M. E. Auer, Austria
 S. Babić, Croatia

A. Badnjević, Bosnia & Herzegovina
 M. Baranović, Croatia
 B. Bebel, Poland
 L. Bellatreche, France
 E. Brenner, Austria
 G. Brunetti, Italy
 A. Budin, Croatia
 Ž. Butković, Croatia
 Ž. Car, Croatia
 M. Colnarič, Slovenia
 A. Cuzzocrea, Italy
 M. Čičin-Šain, Croatia
 M. Delimar, Croatia
 T. Eavis, Canada
 M. Ferrari, Italy
 B. Fetaji, Macedonia
 R. Filjar, Croatia
 T. Galinac Grbac, Croatia
 P. Garza, Italy
 L. Gavrilovska, Macedonia
 M. Golfarelli, Italy
 S. Golubić, Croatia
 F. Gregoretti, Italy
 S. Groš, Croatia
 N. Guid, Slovenia
 J. Henno, Estonia
 L. Hluchy, Slovakia
 V. Hudek, Croatia
 Ž. Hutinski, Croatia
 M. Ivanda, Croatia
 H. Jaakkola, Finland
 L. Jelenković, Croatia
 D. Jevtić, Croatia
 R. Jones, Switzerland
 P. Kacsuk, Hungary
 A. Karaivanova, Bulgaria
 M. Koričić, Croatia
 T. Kosanović, Croatia
 M. Mauher, Croatia
 I. Mekjavić, Slovenia
 B. Mikac, Croatia
 V. Milutinović, Serbia
 N. Mišković, Croatia
 V. Mrvoš, Croatia
 J. Novak, Croatia
 P. Pale, Croatia
 J. Pardo, Spain
 N. Pavešić, Slovenia
 B. Pejić, United States
 J. Petrović, Croatia
 S. Ribarić, Croatia
 J. Rozman, Slovenia
 K. Skala, Croatia
 I. Služanović, Croatia
 M. Spremić, Croatia
 V. Struk, Croatia
 S. Stafisso, Italy
 U. Stanić, Slovenia
 N. Stojadinović, Serbia
 M. Stupić, Croatia
 J. Sunde, Australia
 A. Szabo, IEEE, Croatia
 L. Szirmay-Kalos, Hungary
 D. Šimunić, Croatia
 Z. Šimunić, Croatia
 D. Škvorc, Croatia
 A. Teixeira, Portugal
 E. Tijan, Croatia
 A. Min Tjoa, Austria
 R. Trobec, Slovenia
 S. Uran, Croatia
 T. Vámos, Hungary
 M. Varga, Croatia
 M. Vidas-Bubanja, Serbia
 M. Vranić, Croatia
 B. Vrdoljak, Croatia
 D. Zazula, Slovenia

Submit your paper for the conference CTS which will be held at the 41st 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 and visitopatija.com.

Lampadem tradere

