



41ST International Convention MIPRO

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

mipro 2018

May 21 - 25, 2018

CHAIRS

Karolj Skala (Croatia)
Roman Trobec (Slovenia)
Enis Afgan (Croatia/USA)

STEERING COMMITTEE

Enis Afgan (Croatia)
Lene Krøl Andersen (Denmark)
Marian Bubak (Poland)
Tiziana Ferrari (The Netherlands)
Montserrat Gonzalez (England)
Aneta Karaivanova (Bulgaria)
Dieter Kranzlmüller (Germany)
Maria Lindén (Sweden)
Ludek Matyska (Czech Republic)
Jesús Carretero Pérez (Spain)
Dana Petcu (Romania)
Karolj Skala (Croatia)
Uroš Stanič (Slovenia)
Roman Trobec (Slovenia)
Tibor Vámos (Hungary)
Yingwei Wang (Canada)
Roman Wyrzykowski (Poland)

PROGRAM COMMITTEE

Viktor Avbelj (Slovenia)
Davor Davidović (Croatia)
Matjaž Depolli (Slovenia)
Tomislav Lipič (Croatia)
Željka Mihajlović (Croatia)
Zalika Klemenc-Ketiš (Slovenia)
Aleksandra Rashkovska Koceva (Slovenia)
Viktor Švigelj (Slovenia)
Karolj Skala (Croatia)
Tonka Poplas Susić (Slovenia)
Matjaž Veselko (Slovenia)
Ivan Tomašić (Sweden)
Roman Trobec (Slovenia)

Authors of the best scientific papers will be invited to submit an extended version of their work to the
Scalable Computing: Practice and Experience
(ISSN 1895-1767) Journal.

CALL FOR PAPERS

CONFERENCE ON

DATA AND LIFE SCIENCES SUPPORTED BY DISTRIBUTED COMPUTING (DS-DC)

TOPICS:

DS-DC intends to gather the latest research & development results on Data and Life Sciences supported by Distributed Computing. It seeks high-quality original contributions, which demonstrate the theoretical and practical progress of Distributed Data Science, as well as implementation experiences from researchers in the area, including but not limited to the following topics:

Data Science and Distributed Computing:

- Data Science Methods, Tools and Platforms
- High Performance Computing
- Big Data Computing
- Data and Visual Mining
- Cloud Computing and Applications
- Fog & Dew Computing Paradigms and Applications
- Distributed and Parallel Programming Models and Tools
- Parallelization Strategies and Parallel Algorithms
- Scientific Visualization Methods and Tools
- Big Data Visualization Algorithms
- Heterogeneous Computing, Adaptive and Reconfigurable Computing
- Multicore and Manycore Technologies and Programming
- Virtual Organizations
- Reliability, Security and Quality of Service
- Distributed Research Infrastructure
- e-Science Technologies

Biomedical Computing, Technology, Engineering and Applications:

- Informatization, Management and Organization of BME Environments
- Bioinformatics and Computational Biology and Medicine
- Communication, Networking and Monitoring in Bio-Systems
- Monitoring of Vital Functions with Sensor and ICT Systems
- Biosensors and Sensor Networks
- Advanced Bio-Signal Processing and Interpretation
- Telehealth, Telecare, Telemonitoring, Telediagnosics
- e-Healthcare m-Healthcare, x-Health, Assisted Living
- Social Networking, Computing and Education for Health
- Improved Therapeutic, Diagnostics and Rehabilitation Methods
- Advanced Medical Visualization Techniques
- Personalized Medical Devices and Approaches
- Medical Modelling and Computer Simulations
- Human Responses in Extreme Environments
- Distributed Mobile Applications

Official language is English.

Please forward to your colleagues!





IMPORTANT DATES

Paper submission
February 5, 2018

Author notification
March 12, 2018

Camera-ready version
March 26, 2018

**All deadline times are
anywhere on Earth.**

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 DS-DC Chairmen:

Karolj Skala - skala@irb.hr
Roman Trobec - roman@ijs.si
Enis Afgan - enis.afgan@irb.hr

Conference administration

Jelena Čubrić
Ruđer Bošković Institute
Centre for Informatics and
Computing
Bijenička c. 54
HR-10000 Zagreb, Croatia

E-mail: jelena.cubric@irb.hr
GSM: +385 99 3833 888
Fax: +385 1 4680 212

**Submit your paper for the conference DS-DC which
will be held at the 41st International ICT Convention
MIPRO 2018.**

DS-DC

SUBMISSION GUIDELINE

Submission will put at least 3 single-blind peer reviews.

Accepted papers will be published in the ISBN registered conference proceedings
and 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
Explore) if the paper is not presented at the conference.

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

