



ROBOTICS – FUTURE OF TECHNOLOGY WORLD

Grand Hotel Adriatic Congress Centre & Remisens Hotel Admiral, Opatija, Croatia
43rd International Convention MIPRO

May 25 - 29, 2020

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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 SCIENCE AND BIOMEDICAL ENGINEERING (DS-BE)

DS-BE

TOPICS:

DS-BE intends to gather the latest research and development results in applying advanced computational methods, tools and applications in the domain of Data Science and Biomedical engineering. The conference solicits high-quality original contributions, which demonstrate the theoretical and practical progress of Data Science and Biomedical Engineering. It focuses on specific hardware and software solutions and services for a particular domain-problem from industry or science as well as independent research activities on general solutions applicable across different data-driven fields, including research in complex networks, machine learning, deep and representation learning, knowledge discovery and interpretability techniques, visual analytics and scientific visualization, parallel and scalable algorithms on heterogeneous and distributed computing environments. Papers from Artificial Intelligence are particularly welcome.

Topics of interest include, but are not limited to:

- Data Science Methods, Tools and Platforms
- Big Data Computing and Visualization
- Distributed Heterogeneous Computing
- Service Application of Cloud, Fog and Dew Computing
- Scalable Machine Learning and Deep Learning
- Interpretable and Explainable Machine Learning
- Human Centric Artificial Intelligence
- Visual Analytics in Deep Learning
- Data Science in Computational Biology and Medicine
- Data Science in Computational Social Sciences
- Data Science in Cultural Heritage and Society
- Informatization, Management and Organization of BME Environments
- Bioinformatics and Applications
- Advanced Bio-Signal Processing and Interpretation
- Monitoring of Vital Functions with Sensor and ICT Systems
- Wearable Sensors and Networks
- Telehealth, Telecare, Telemonitoring, Telediagnosics
- Robotic Technologies in Medicine and Healthcare
- Social Networking, Computing and Education for Health
- Improved Therapeutic, Diagnostics and Rehabilitation Methods



Official language is English.

Please forward to your colleagues





DS-BE

Submit your paper for the conference DS-BE which will be held at the 43rd International ICT Convention MIPRO 2020.

All submitted papers will pass through a plagiat control and blind peer review process with at least 2 international reviewers.

On the basis of reviewers' opinion and voting result from the conference attendance we will qualify the Best paper for the prize that will be awarded as a part of the final event at the DS-BE conference.

Accepted papers will be published in the ISSN registered conference proceedings. Presented papers will be submitted for inclusion in the IEEE Xplore Digital Library.

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, Ministry of Regional Development and EU Funds of the Republic of Croatia, Ministry of Environment and Energy of the Republic of Croatia, Ministry of Demography, Family, Youth and Social Policy of the Republic of Croatia, Ministry of Agriculture of the Republic of Croatia, Primorje-Gorski Kotar County, City of Rijeka, City of Opatija, Croatian Regulatory Authority for Network Industries - HAKOM and Croatian Power Exchange - CROPEX.



IMPORTANT DATES

Abstract submission
November 29, 2019

Full-paper submission
January 27, 2020

Acceptance notification
March 16, 2020

Camera ready submission
March 26, 2020

Instructions for paper preparation can be found on www.mipro.hr

REGISTRATION / FEES

EARLY BIRD up to May 11, 2020 | REGULAR from May 12, 2020

Members of MIPRO and IEEE	
200 EUR	230 EUR
Students (undergraduate and graduate)	
120 EUR	140 EUR
Others	
220 EUR	250 EUR

MORE INFO

For all future information please visit www.mipro.hr or contact directly DS-BE Chairmen:

Karolj Skala - skala@irb.hr
Roman Trobec - roman.trobec@ijs.si
Davor Davidović - ddavid@irb.hr

ABOUT LOCATION

Opatija, with its 170-year-old tourism 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 artists, kings, politicians, scientists, sportsmen, as well as business people, bankers and managers for more than 170 years.

The tourist offer in Opatija includes a vast number of hotels, excellent restaurants, entertainment venues, art festivals, superb modern and classical music concerts, beaches and swimming pools – this city satisfies all wishes and demands.

Opatija, the Queen of the Adriatic, is also one of the most prominent congress cities in the Mediterranean, particularly important for its ICT conventions, one of which is MIPRO, which has been held in Opatija since 1979, and has attracted more than a thousand participants from over forty countries. These conventions promote Opatija as one of the most desirable technological, business, educational and scientific centers in South-eastern Europe and the European Union in general.

For more details, please visit www.opatija.hr and visitopatija.com.

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