



mipro
2024

HYBRID CONVENTION

47th ICT and Electronics Convention MIPRO

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

Artificial Intelligence towards EU Multilingualism

May 20 - 24, 2024

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Accepted papers presented at the conference will be submitted for inclusion in the IEEE Xplore Digital Library.

TECHNICAL CO-SPONSORSHIP



CALL FOR PAPERS

CONFERENCE ON

DATA SCIENCE AND BIOMEDICAL ENGINEERING (DS-BE)

DS-BE

SCOPE

DS-BE intends to gather the latest research and development results in advanced computational methods, tools and applications in the domain of Data Science and Biomedical Engineering. The conference solicits high-quality original contributions that demonstrate theoretical and practical achievements in Data Science and Biomedical Engineering. It focuses on specific hardware and software solutions and services for a particular domain-specific-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, and 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:

- Parallel and Distributed Applications and Algorithms
- Data Science Methods, Tools and Platforms
- Big Data Analysis and Visualization
- Service Applications Based on Cloud, Fog and/or Dew Computing
- Interpretable and Explainable Machine Learning
- Expert Systems and Knowledge-Based Systems
- Knowledge Representation and Management
- Visual Analytics in Deep Learning
- Natural Language Processing and Text Mining
- Data Science in Computational Biology and Medicine
- Biological Network Analysis
- Drug Target Identification and Validation
- Medical and Biological Image Analysis
- Analysis and Visualization of Biological and Clinical Data
- Bioinformatics and Medical Applications
- Advanced Bio-Signal Processing and Interpretation
- Monitoring of Vital Functions with Sensor and ICT Systems
- Wearable Sensors and Networks in Distributed Systems
- Telehealth, Telecare, Telemonitoring, and Telediagnosics
- Social Networking, Computing and Education for Health
- Internet of Things (IoT) for mHealth
- Data Models and Representations for mHealth
- Information Fusion of Biomedical Data
- Biomedical Scientific Databases

Official language is English.

Please forward to your colleagues



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DS-BE

Submit your paper for the conference DS-BE which will be held at the 47th ICT and Electronics Convention MIPRO 2024.

IMPORTANT DATES

Abstract submission
December 11, 2023

Full-paper submission
January 29, 2024

Acceptance notification
March 11, 2024

Camera ready submission
March 25, 2024

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

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.

REGISTRATION / FEES

EARLY BIRD
up to May 6, 2024

REGULAR
from May 7, 2024

Members of MIPRO and IEEE

243 EUR	270 EUR
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Students
(undergraduate and graduate)

130 EUR	150 EUR
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Others

270 EUR	300 EUR
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MORE INFO

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

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ABOUT LOCATION

Opatija 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 attracts 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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