



48th ICT and Electronics Convention MIPRO

Grand Hotel Adriatic Congress Centre & Hotel Admiral, Opatija, Croatia
Driving the Future with Smart and Intelligent ICT

June 2 - 6, 2025

CHAIRS

Karolj Skala (Croatia)
Aleksandra Rashkovska Koceva (Slovenia)
Davor Davidović (Croatia)

CALL FOR PAPERS

CONFERENCE ON

DATA SCIENCE AND BIOMEDICAL ENGINEERING (DS-BE)

DS-BE

SCOPE

The DS-BE conference aims to showcase new research and advancements in computational methods, tools, and applications related to Data Science and Biomedical Engineering. We invite high-quality, original research papers highlighting theoretical and practical innovations in these areas, expecting interdisciplinary approaches promoting scalable solutions for real-world challenges. The conference focuses on hardware and software solutions designed to address specific domain-related challenges related to various domains in science and industry. Additionally, it encompasses broader research initiatives that provide generalizable approaches across data-driven disciplines.

Topics of interest include, but are not limited to:

- Machine Learning and Deep Learning
- Complex Networks: Structure, Behavior, and Dynamics
- Knowledge Discovery and Interpretability
- 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
- Natural Language Processing and Text Mining
- Ethical AI
- 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 Teliagnostics
- 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

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

TECHNICAL CO-SPONSORSHIP



Submissions should offer a blend of theoretical advancement and practical validation, showcasing their impact on Data and Biomedical sciences and technology.

The 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 48th ICT and Electronics Convention MIPRO 2025.

IMPORTANT DATES

Abstract submission
January 20, 2025

Full-paper submission
February 3, 2025

Acceptance notification
March 21, 2025

Camera ready submission
April 7, 2025

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

REGISTRATION / FEES

EARLY BIRD
up to May 19, 2025

REGULAR
from May 20, 2025

Members of MIPRO and IEEE

270 EUR 297 EUR

Students (undergraduate and graduate)

150 EUR 165 EUR

Others

300 EUR 330 EUR

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 180 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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