



# mipro 2020

## ROBOTICS – FUTURE OF TECHNOLOGY WORLD

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

May 25 - 29, 2020

### CHAIRS

**Boris Vrdoljak** (Croatia)  
**Mirta Baranović** (Croatia)  
**Matteo Golfarelli** (Italy)  
**Mihaela Vranić** (Croatia)

### 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](http://www.mipro.hr)

### REGISTRATION / FEES

**EARLY BIRD** | **REGULAR**  
up to May 11, 2020 | 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](http://www.mipro.hr) or contact directly miproBIS Chairman:

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### CALL FOR PAPERS

### CONFERENCE ON

# BUSINESS INTELLIGENCE SYSTEMS (miproBIS)

**MIPROBIS**

### SCOPE

The scope of the conference includes, but is not limited to:

- Data Warehouse and OLAP
- Business Intelligence
- Big Data Analytics - Algorithms, Techniques, Systems, User Interfaces
- Big Data Analytics Applications in Science, Healthcare, Telecommunication, e-Business, etc.
- Data Science – Methods for Analyzing Scientific Data
- Data Mining
- Predictive and Descriptive Analytics and Its Application in Science, Education, Healthcare, Telecommunications, Energy Providing, etc.
- Analytics for the Cloud Infrastructure
- Social Network Analysis (SNA)
- CRM (Customer Relationship Management) and Social CRM
- Analytics for Data Streams and Sensor Data
- Edge Analytics
- Analytics for Industry 4.0
- Analytics for Temporal, Spatial, Spatio-Temporal and Mobile Data
- Text, Web and Sentiment Analysis
- Semantic Web and Semantic Data Integration
- Education Management Information Systems
- Business Information Systems
- ERP and Supply Chain Management
- Business Systems Integration
- Business Process Management (BPM)

As an addition to the conference, presentations of BI products and respective vendors are welcome.

Official languages are English and Croatian.

**Accepted and presented papers in English will be submitted for inclusion in the IEEE Xplore Digital Library.**



*Please forward to your colleagues*





### miproBIS Program Committee

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### NOTICE

The authors of the Best Paper will be invited to send an extended version of their paper to the Editor-in-Chief of the **CIT - Journal of Computing and Information Technology**, where it may be published after an additional review.

Croatian Society MIPRO, IECE 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.

Submit your paper for the conference miproBIS which will be held at the 43<sup>rd</sup> International ICT Convention MIPRO 2020.

**MIPROBIS**

The term Business intelligence (BI) refers to applications and technologies used to gather, provide access to, and analyze data and information about company operations in order to help them to have a more comprehensive knowledge of the factors affecting their business. BI systems usually lean on data warehouses (DWs) to guarantee an easy and quick access to information. More than ten years of research in the data warehousing field paved the way for new applications that goes beyond traditional OLAP analysis and concern real-time, spatiotemporal as well as distributed data. Furthermore, BI research is now dealing with the integration of BI with Corporate Performance Management (CPM), Business Process Management (BPM), Social Business Intelligence, Semantic Web, and Big Data.

Like the previous successful editions, miproBIS 2020 provides an international forum where both researchers and practitioners can share their findings and practical experiences in the field of BI. In particular, besides submissions in traditional DW and OLAP topics, we encourage papers concerning emerging research topics and applications in the DW, OLAP and BI area.

### 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](http://www.opatija.hr) and [visitopatija.com](http://visitopatija.com).

*Lampadem tradere*

