CALL FOR PAPERS

CONFERENCE ON

BUSINESS INTELLIGENCE SYSTEMS AND BIG DATA PROCESSING (BIS-BDP)

SCOPE

The Business Intelligence Systems and Big Data Processing (BIS-BDP) conference focuses on modern applications and technologies for gathering, accessing, and analyzing data to support deeper insights into business operations. Building on a strong foundation in data warehousing (DW) and traditional multidimensional analysis, the scope has expanded to include real-time, spatiotemporal, and distributed data processing. Special attention is given to the role of artificial intelligence (AI), particularly generative AI, in transforming how organizations extract insights from data. Topics include AI-assisted data modeling, automated report generation, and intelligent decision support systems, highlighting how generative models are redefining business intelligence workflows.

The conference serves as a platform for exchanging ideas, showcasing research, and fostering collaboration at the intersection of big data, AI, and business innovation.

TOPICS

The topics of the conference include, but are not limited to:

- Data Warehouse and OLAP
- Modern DW Architecture
- Business Intelligence
- Big Data Analytics - Algorithms, Techniques, Systems, User Interfaces
- Big Data Processing
- Big Data Analytics Applications in Science, Healthcare, Telecommunication, e-Business, etc.
- Data-Centric AI
- Predictive and Descriptive Analytics and its Application in Science, Education, Healthcare, Telecommunications, Energy Providing, etc.
- Analytics for the Cloud Infrastructure
- Social Network Analysis (SNA)
- Analytics for Data Streams and Sensor Data
- Edge Analytics
- Analytics for Temporal, Spatial, Spatio-temporal and Mobile Data
- Text, Web and Sentiment Analysis
- Semantic Web and Semantic Data Integration
- AI-powered Business Intelligence and Decision Support Systems
- Machine Learning Applications in Business and Industry

Please forward to your colleagues

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

TECHNICAL CO-SPONSORSHIP

IMPORTANT DATES

Abstract submission
November 16, 2026

Full-paper submission
November 30, 2026

Acceptance notification
February 1, 2027

Camera ready submission
March 1, 2027

Instructions for paper preparation can be found on **https://mipro.hr**

REGISTRATION / FEES

	EARLY BIRD up to May 17, 2027	REGULAR from May 18, 2027
Members of MIPRO and IEEE		
	333 EUR	360 EUR
Students (undergraduate and graduate)		
	185 EUR	200 EUR
Others		
	370 EUR	400 EUR

! In order to have your paper published, it is required that you pay at least one registration fee for each paper.

Authors of 2 or more papers are entitled to a 10% discount.

MORE INFO

For all future information please visit **https://mipro.hr** or contact directly miproBIS Chair:

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Submit your paper for the conference BIS-BDP which will be held at the 50th Jubilee MIPRO ICT and Electronics Convention.

BIS-BDP

- Generative AI for Automated Report Generation, Text Summarization, and Data Narratives
- AI-driven Forecasting and Strategic Planning
- Explainable AI (XAI) in Business Intelligence
- Responsible and Ethical Use of AI in Business Data Analytics
- Integration of Large Language Models (LLMs) in Business Systems
- Human-AI Collaboration in Decision-Making Processes
- AI for Anomaly Detection, Risk Analysis, and Fraud Detection
- Generative AI in Customer Support, Personalization, and CRM
- AI-augmented Data Visualization and Dashboards
- Use of AI and GenAI in Educational Data Analytics and Adaptive Learning Systems
- Intelligent Agents and Autonomous Business Systems
- AI in Enterprise Knowledge Management and Semantic Reasoning
- Natural Language Interfaces for Business Data Exploration
- Education Management Information Systems
- Business Process Management (BPM)
- Integration of Digital Twin and Big Data Technology
- Prescriptive Analytics and Optimization Systems

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

Official languages are English and Croatian.

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.