FIRST ANNOUNCEMENT AND CALL FOR PAPERS The Institute of Electrical and Electronics Engineers, Inc.



# Intelligent Systems IEEE IS'24 : A combined in person and distant IEEE Conference. IEEE Number 61756

## Organized by

IEEE IM/CS/SMC Joint Chapter of Bulgaria • IEEE CIS Chapter – Bulgaria • IEEE Section – Bulgaria Society of Automatics and Informatics "John Atanasoff" • University for Library Studies and Information Technologies – Sofia, Bulgaria Institute of Information and Communication Technologies – BAS, Sofia, Bulgaria



29-31 August 2024, Varna, Bulgaria, http://www.ieee-is.org

# INVITATION

Building upon the success of IS'02, IS'04, IS'08, IS'12, IS'16, IS'20 (held in Sofia and Varna, BG), IS'06, IS'10 (held in London, GB), IS'14, IS'22 (held in Warsaw, PL) and IS'18 (held in Funchal, Madeira Island, PT) the **12<sup>th</sup> IEEE International Conference on Intelligent Systems IS'24** shall continue the tradition of bringing together top specialists in the broad area of intelligent systems. This forum is an opportunity for scientists from all over the world to share ideas and achievements in the theory and practice of data science, intelligent control, artificial intelligence, neural networks, soft computing, data mining and knowledge discovery, machine (deep) learning, intelligent measurement, etc. Presentations should highlight contemporary intelligent systems as a concept that combines theoretical research and applications in automation, information technologies and measurement. All aspects of intelligent systems are of interest: theory, algorithms, tools, and applications.

In addition to the main sessions, the conference timetable shall be concerted with several other symposiums, workshops, poster sessions, tutorial courses, student session, etc., in similar scopes, which will take place before, during and after the end of the IEEE IS'24. IS'02 up to IS'22 established as scientific forums that gather only quality papers and presentations that meet high scientific standards. Following the tradition, all submitted original papers to IS'24 shall be carefully reviewed for possible inclusion in the Conference Proceedings. After the Conference, a selected number of best papers shall be expanded and revised for possible inclusion in well-known Journals or Springer books.

#### MAIN TOPICS RELATED TO IS

- Advanced Analytics Artificial Intelligence Autonomous Systems **Big Data Bio-Inspired Intelligence Brain Modelling and Simulation Cognitive Systems** Computational Finance and Economy **Computational Intelligence Cyber Physical Systems Data Analytics** Knowledge Discovery Data Science Deep Learning **Evolutionary Computation Evolving Systems** Fuzzy Sets and Systems **Generalized Nets**
- Evolutionary Algorithms Human-Machine Interaction Transformers Intelligent Cybersecurity Intelligent Behaviour Intelligent Control Intelligent Decision Making Systems Intelligent Information Processing Intelligent Measurement Intelligent Pattern Recognition Internet of Things Intuitionistic Fuzzy Sets Chatbots
- Machine Learning
- Mathematical Modelling Neural Networks Networked Systems

## Application areas:

- Augmented Reality
- Robotics
- Data Processing
- Cybersecurity
- Intelligent System Design
- Education, e-/m-Learning
- Business & Finance
- Cyber-Physical Systems
- Industry 4.0
- Telecommunication
- Transportation
- Health, Medicine and Bioengineering
- Power Industry
- Modelling, Preprocessing
- Knowledge Based Systems
- Environmental Engineering

#### COPYRIGHT CONDITIONS

The material submitted for presentation at an IEEE IS'24 (conference, symposium, workshops) must be original, not published or being considered for publication elsewhere. All accepted papers shall appear in the Conference Proceedings on IEEE Xplore. IEEE holds copyright of material presented at the conference. Authors shall be informed in due time about the Copyright Transfer Form they shall be asked to submit once their papers are accepted for publication.

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LOCATION

The Conference venue is hotel Cherno More in Varna, the hotel is located near the sea park, and then the beach and close to a zone of beautiful natural parks across the sea line. There are a plenty of possibilities to make a direct connection from the conference venue to St.St. Constantine and Helena and to Golden Sands resorts. Detailed information about the region is available from http://ieee-is.org (hotels). The venue is around 10 km far from the Varna international airport. There is a direct bus 409 connection to the venue. It is on a city route to the airport/railway/bus station with a regular bus transport. There are available different car service facilities at the hotel. You are welcome to write us and we can help you with the organization of the local transportation and/or planning your personal schedule concerning different Conference activities.

More details to be announced on the permanent conference website http://www.ieee-is.org