

# 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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IEEE CIS Chapter of Bulgaria IEEE IM/CS/SMC Joint Chapter of Bulgaria Society of Automatics and Informatics "John Atanasoff"

### Technically co-sponsored by:

IEEE Region 8 IEEE Section – Bulgaria

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## CALL FOR PAPERS

Interested authors are requested to submit the electronic version of their draft paper(s) in PDF format, in English, via e-mail. The first page must contain the paper title, authors' name(s) and affiliations, the complete addresses of the corresponding author (E-mail, FAX, and Phone), and an abstract (100-250 words). The updated information for the authors should be obtained from the conference WEB site.

### Correspondence and Submission:

All correspondence and paper submissions must be directed to Full Prof. G. Vachkov

Address: POB 161, Sofia 1113, Bulgaria, EU E-mail: [gancho.vachkov@gmail.com](mailto:gancho.vachkov@gmail.com)

The TPC contact to Acad. Hadjiski: [bgimccssmc@gmail.com](mailto:bgimccssmc@gmail.com) For general questions please write to [v.jotsov@unibit.bg](mailto:v.jotsov@unibit.bg)

## FEES

### Registration Fees:

	before 15 June 2024
IEEE Members	350 €
Non-IEEE Members	400 €
Student IEEE members:	300 €

### Deadlines:

Expression of interest:	now open, to the above e-mail
Submission of draft papers:	30 April 2024
Notification of acceptance:	Within a week or two depending on the case (via e-mail)
Submission of final papers:	6 June 2024 (early registration: 15 June 2024)
Registration of authors	with submission of camera-ready papers

## LOCATION

The Conference venue is hotel Riviera\*\*\*\*, the hotels are located in a zone of beautiful natural parks in Golden Sands, the oldest Bulgarian Black Sea resort. The place offers a wonderful combination of seacoast woods and hot mineral springs. The \*\*\*\*/\*\*\*\* hotels, the congress site, and medical centres are hidden in the parks at a distance of 20-30 m from the sea. Detailed information about the region is available from <http://iee-is.org> (hotels). The resort is around 20 km far from the town and the Varna international airport. It is connected to the airport/railway/bus station by a highway with a regular bus transport. There are available different car service facilities at the resort. 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. For more than fifty years Golden Sands has been a gathering point for the scientists from countries all over the world offering ideal opportunities for sea vacations, congress tourism and spring waters therapy for strengthening the health. This is a place where man's creations are in harmony with the nature. The resort bears the European "Blue Flag" ecological award competition. The tradition and experience in the organization of congresses, symposiums, and workshops have made the place renowned in the international scientific community.

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