

International Conference on Intelligent Systems, Blockchain, and Communication Technologies (ISBCom24)

Sharm El-Sheikh, Egypt

July 13-14, 2024



Important Dates

Full Paper Submission: **April 30, 2024**
Notification to Authors: **May 30, 2024**
Camera Ready: **June 20, 2024**
Conference Mode: **Online + In-Person**
www.isbcomtech.com

Welcome

We are delighted to extend an invitation to you for the ISBCom24. The conference will be held in Sharm El-Sheikh, Egypt, the most popular tourist city. Sharm El-Sheikh is a resort town between the Sinai Peninsula and the Red Sea. It's known for its sheltered sandy beaches. ISBCom24 offers a dynamic, interdisciplinary platform for global academics, researchers, professionals, and students to collaborate and access cutting-edge developments in intelligent systems, blockchain, communication technologies, and metaheuristics across diverse domains, promoting research exchange and innovation. All conference papers accepted and presented will be published by Springer Nature in the Lecture Notes in Networks and Systems (LNNS) book series..

Conference Committees

Honorable Chair

- Prof. Ashraf S. Hussein, President, King Salman International University (KSIU), Egypt

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- Dr. Ahmed Abdelgawad, Central Michigan University, USA.
- Dr. Alaa Ali Hameed, Istinye University, Turkey.

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- Dr. Mona Nasr, Helwan University, Egypt
- Dr. Tawfik Ismail, Cairo University, Egypt
- Dr. Mohamed A. Abd El Ghany, Egypt

Topics of Interest

Topics of interest include but not limited to the following:

Theme 1: Intelligent Systems

- Advanced Machine Learning Algorithms
- Deep Learning for Pattern Recognition
- Speech and Audio Signal Pattern Analysis
- Natural Language Processing and Text Pattern Analysis
- Biometric Pattern Recognition
- Gesture and Human Behavior Analysis

Theme 2: Blockchain and IoT Applications

- Blockchain Security
- Blockchain for Supply Chain Management
- DeFi (Decentralized Finance)
- Interoperability in Blockchains
- Blockchain in Healthcare
- Smart Contracts and Automation

Theme 3: Networking & Communication Technologies

- 5G and Beyond
- IoT Connectivity
- Edge Computing
- Cybersecurity in Communication Networks
- Wireless Sensor Networks
- Cloud-Native Communication
- AI-Enhanced Networking

Theme 4: Metaheuristics and Evolutionary Optimization and its Applications

- Comparative Studies of Metaheuristics
- Optimization Algorithm Design and Analysis
- Multi-Objective Optimization
- Hybrid Optimization Methods
- Parallel and Distributed Metaheuristics
- Metaheuristics for Large-Scale Problems

Theme 5: Big Data and Cloud Computing

- Distributed Computing
- Cloud Computing
- Big Data Analysis
- Big Data Architectures and Management
- Big Data in Smart Cities
- Future of IOT and Big Data

Theme 6: Computer Vision and Applications

- Document Analysis
- Radar Signal Processing
- Audio/Speech Processing and Coding
- Biometrics and Pattern Recognition
- Cognitive and Biologically-Inspired Vision
- Remote Sensing
- Content-based Image retrieval

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