

ICAETA

The 3rd International Conference on Advanced Engineering, Technology and Applications
University of Catania, Italy
May 24-25, 2024

Important Dates

Full Paper Submission: **April 10, 2024**
Notification to Authors: **April 30, 2024**
Camera Ready: **May 20, 2022**
Conference Mode: **Hybrid**

Conference Committees

General Chairs

- Dr. Alessandro Ortis, University of Catania, Italy
- Dr. Alaa Ali Hameed, Istinye University, Turkey.

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Welcome

On behalf of the entire Local Committee, we would like to invite you to the 3rd International Conference on Advanced Engineering, Technology and Applications (ICAETA), which will be held from **May 24-25, 2024, in Italy**. The conference is co-organized by **University of Catania, Italy** and **Istinye University, Turkey**. Accepted papers that meet quality requirements will be submitted for inclusion to Springer book series **Lecture Notes in Networks and System (LNNS)**. LNNS is indexed in well-known databases such as **SCOPUS, DBLP, INSPEC, Norwegian Register for Scientific Journals and Series, SCImago, WTI Frankfurt eG, zbMATH**

Topics of Interest

Topics of interest include but not limited to the following:

Machine Learning and Computer Vision

- Deep Learning and Applications
- Data Mining and Knowledge Discovery
- Pattern Recognition
- Decision Support Systems
- Object Detection and Recognition
- Classification and Clustering
- ML for Computer Vision
- Reinforcement Learning
- Dimensionality Reduction
- Text Analytics
- Time Series Data Analysis
- Low-level vision and Image Processing

Blockchain, IoT, and the Internet of Things

- Advancements in Blockchain Technology
- Integrating Blockchain with IoT
- IoT and Blockchain for Smart Cities
- IoT Device Management and Security
- IoT Data Privacy and Integrity
- Blockchain and IoT in Healthcare
- Energy Efficiency in IoT
- Decentralized Applications for IoT
- Blockchain and IoT in Agricultural
- 5G Technology, IoT, and Blockchain
- Smart Home Technologies

Applied Artificial Intelligence Applications

- Artificial Intelligence (AI) and Applications
- Computer Aided Diagnosis
- Audio and Speech Analysis
- Biomedical Signal Processing Applications
- Web Intelligence Applications and Search
- Soft Computing Theory and Applications
- Knowledge-based Systems & Pattern Recognition
- AI for Industry 4.0
- AI for Internet of Things
- AI for Grid-computing
- AI applications in Cloud-computing

Big Data and Cloud Computing

- Cloud Computing for Big Data
- Data Security in Cloud Environments
- AI for Cloud-Based Big Data Solutions
- Scalable Storage Solutions for Big Data
- Cloud Computing for Predictive Analytics
- Real-Time Big Data Processing
- Edge Computing and Big Data
- IoT Data Management and Analysis
- Big Data Migration to the Cloud
- Big Data in Healthcare Industry
- Big Data Visualization

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