

INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND SUSTAINABLE DEVELOPMENT ICAISD 2024



ICAISD 2024
RELIZANE, ALGERIA
DECEMBER 7TH – 8TH 2024



CALL FOR PAPERS

Honorary Chairs:

Pr. BAHRI Ahmed

Rector of Relizane University

Dr. BAGHDADI Djillali

Dean of the Faculty of Sciences and Technology

General Chair:

Pr. YSSAAD Benyssaad

Scientific Chairs:

Dr. MILOUDI Mohamed

Dr. AIT SAID Hakim

Pr. LOUNIS Mourad

Organization Chairs:

Dr. MELIANI Bouziane

Dr. MANKOUR Mohamed

Dr. MOSTEFA Abdelkader

<https://web.univ-relizane.dz/icaisd/>

The International Conference on Artificial Intelligence and Sustainable Development (ICAISD 2024) will be held at Relizane University in Algeria from December 7th to 8th, 2024.

The ICAISD 2024 Electrical Engineering event offers a platform to explore cutting-edge advancements in computing, sustainable energy, aerospace, communications, and robotics. With a specific focus on Algeria's crucial themes of energy, agriculture, and health, ICAISD promises a unique opportunity to gain valuable insights, exchange ideas, and network with leading experts from the international electrical engineering community. We invite authors to submit papers across all areas of electrical engineering, including but not limited to:

Topic 1: Robotics and automation

- Industrial robotics;
- Domestic robotics;
- Robotics and sustainable development (Environmental, Economic, social, health, agriculture);
- Robotics and education;
- Drones;
- Automation, control and supervision of systems.

Topic 3: Maintenance and intelligent diagnosis of IS

- Optimization and management of electrical systems;
- Systems diagnosis;
- Intelligent predictive maintenance for industry 4.0;
- E-maintenance and remote diagnosis;
- Application of artificial intelligence to predictive maintenance;
- Electrotechnical materials.

Topic 2: Intelligent electrical systems using renewable energy and the electric vehicle

- Identification and control of systems;
- Energy storage;
- Converters;
- Sizing and optimization of intelligent renewable energy electrical systems;
- Electric vehicle.

Topic 4: Smart power grids

- Analysis, modeling, simulation and optimal design of electrical networks;
- Electromagnetic compatibility, energy quality and environmental impacts;
- Shock;
- Depollution of electrical networks;
- HVDC and power electronics;

PUBLICATION:

Adding to the value, all accepted papers will be published in the indexed conference proceedings.

For exceptional contributions, the top 20 articles will be considered for publication in the prestigious, indexed international journal *Przegląd Elektrotechniczny* (SCOPUS indexed, ISSN 0033-2097 e-ISSN 2449-9544). (Publication fees may apply).

Submission Deadline
September 20, 2024

Acceptance Notification
October 18, 2024

Camera-Ready Version Submission Deadline
November 1, 2024