

Conditions and criteria for accepting research papers

1. The research paper must be on one of the main topics of the conference or on its branches. The research paper will be peer-reviewed by the scientific committee.
2. The selected papers will be sent to the Jordanian Journal of Mechanical and Industrial Engineering (JJMIE: Scopus Q3) for further publication purposes and will be published after Journal acceptance.

Research Paper Template



Conference Fees

Research Paper or Presentation or Poster	• 100 USD / inside Jordan • 150 USD / outside Jordan
Presentation or Poster for students	50 USD
Training Courses on: • Robotics and AI • IoT • Robotics Design and Programming	250 USD / each
Participation in Booth	750 USD
Sponsors	• Platinum: 10000 USD • Golden: 5000 USD • Silver: 3000 USD

Participation Cost:

1. Conference Costs 100 USD for inside-Jordan Participants and 150 USD for outside-Jordan Participants.
2. Costs to be Paid into the account of Amman Arab University - Arab International Islamic Bank / branch Abu Nusair - The participant must mention the name of the conference, through the following bank account:
IBAN: JO68 IIBA 1190 0000 0119 0000 0175 00
Swift Code: IIBAJOAM200
Islamic International Arab Bank
Amman Arab University
3. The conference package includes (a booklet of abstracts, a CD of the entire researches and a certificate of participation).
4. The participant from inside and outside Jordan will bear the costs of their travel and accommodation, provided that he/she should organize his/her travel and accommodation arrangements, However, the preparatory committee will provide the participants with the names and addresses of hotels in the capital, Amman, at preferential prices.

Important Dates:

- The deadline for receiving the research abstract is 10/ 5 / 2024
- The deadline for notification of acceptance of the research abstract is 15 / 5/ 2024.
- The deadline for receiving the complete research is 20/ 5/ 2024.
- The deadline for notification of research acceptance is 25/ 5/ 2024.

The place of the conference:

Amman Arab University
Jordan Street-Mubis

Location



Contacts

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1st International Conference on Aviation sciences and 7th on Robotics & AI Engineering

I-CARE

28-29/MAY/2024

Conference Vision

To be one of the most pioneering platforms in Encouraging scientific and practical thinking trends in the field of Aviation Sciences and the field of Robotics and Artificial Intelligence.

Conference Message

Unifying and coordinating the efforts through experience exchange to develop a distinctive Arab industry in the field of Robots and Artificial Intelligence and keeping pace with the latest developments in Aviation Sciences.

Conference Objectives

- Spreading cognitive awareness of Aviation Sciences, Robotics and Artificial Intelligence and its role in scientific and technological progress.
- Exchanging Arab and international experiences in the field of Aviation Sciences, and Robotics & Artificial Intelligence and how to benefit from it.
- Providing an incubating environment for creativity and innovation in the field Aviation Sciences, Robots, Artificial Intelligence, and presenting distinctive Arab modelsIn this area.

Conference Main Topic

The conference specializes in scientific and practical topics related to the fields of Aeronautics, Robotics, Artificial Intelligence, and their scientific and technological developments.

Conference Topics

- **Communications and networks.**
- **Remote sensing and analysis of electronic signals.**
- **Security and risk management software.**
- **Digital transformation in Aviation.**
- **Avionics and control systems.**
- **Global Navigation Satellite Systems (GNSS).**
- **Antennas.**
- **Sensors and sensitive systems.**
- **Aerodynamics.**
- **Thermodynamics and aircraft structures.**

- **Aircraft maintenance management.**
- **Artificial intelligence and UAV design.**
- **Aircraft construction materials.**
- **Aviation safety systems.**
- **Robots and artificial intelligence in health fields, saving agriculture, Education, and defense applications.**
- **Legislative and ethical developments in the field of Robots and Artificial Intelligence.**
- **The role of Robots and Artificial Intelligence in sustainable development.**
- **The latest developments in smart robot design.**

Conference committee

President of the Conference

Prof. Mohammad AL-Widyan

President of Amman Arab University

Vice President of the Conference

Dr. Anwar AL- Assaf

Dean of Aviation Sciences College

Advisory Committee

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|----------------------------|---|
| • Prof. Mohammad AL-Widyan | President of Amman Arab University |
| • Prof. Bassam AL-Mahasneh | President of Tafila Technical University |
| • Prof. Ahmad Khasawneh | Hashemite University |
| • Prof. Mohammad Salah | Hashemite University |
| • Prof. Ali AL-Jawarneh | Hashemite University |
| • Dr. Anwar AL-Assaf | Amman Arab University |
| • Dr. Ismael Yasin | President of Arab Robotics and AI Association |
| • Dr. Malik Anagreh | Amman Arab University |
| • Dr. Ahmad Alhosban | Amman Arab University |
| • Dr. Bilal Jarrah | Amman Arab University |
| • Dr. Esraa Ali | Amman Arab University |
| • Dr. Abdallah AL-Mutawa | Kuwait University |
| • Dr. Ayman AL-Gabani | Techno Future /Egypt |
| • Dr. Ismael Shams | Omar ibn Al-Kattab School |

The Preparatory Committee

- | | |
|------------------------|---|
| • Dr. Anwar AL-Assaf | Amman Arab University |
| • Dr. Ismael Yasin | President of Arab Robotics and AI Association |
| • Dr. Malik Anagreh | Amman Arab University |
| • Dr. Ahmad Alhosban | Amman Arab University |
| • Dr. Bilal Jarrah | Amman Arab University |
| • Dr. Esraa Ali | Amman Arab University |
| • Dr. Osameh AL-Asmar | Arab Robotics and AI Association |
| • Ms. Esra Al-Hajj Eid | Arab Robotics and AI Association |
| • Eng. Heba Abu Hameed | Amman Arab University |
| • Eng. Ola Habash | Amman Arab University |
| • Mr. Waddah Musmar | Amman Arab University |
| • Mr. Issa Istanbuli | Amman Arab University |

The Scientific Committee

- | | |
|-----------------------------------|---|
| • Prof. Ala' aldeen AL-Halhouli | President of German Jordanian University |
| • Prof. Ahmad AL-Salaymeh | Dean of National University College of Technology |
| • Prof. Awni Taradat | Vice President of Hashemite University |
| • Prof. Naser AL-Hunati | University of Jordan |
| • Prof. Ibrahim AL-Jarrah | University of Jordan/Chief of AI Officer at Arrowad Group |
| • Prof. Hytham Tlilan | Hashemite University |
| • Prof. "Mohammad Amin" AL-Jarrah | General Manager and Founder of Astronautics MARS Robotics |
| • Prof. Mohammad Salah | Hashemite University |
| • Prof. Tareq AL-Darabseh | Jordanian University of Science and Technology |
| • Dr. Anwar AL-Assaf | Amman Arab University |
| • Dr. Odi Alrebei | Hamad Bin Kalifa University |
| • Dr. Khalil Yousef | Hashemite University |
| • Dr. Firas Jarar | AL-Hussein Technical University |
| • Dr. Malik Anagreh | Amman Arab University |
| • Dr. Ahmad Alhosban | Amman Arab University |
| • Dr. Bilal Jarrah | Amman Arab University |
| • Dr. Esraa Ali | Amman Arab University |
| • Dr. Firas Makahleh | Al-Zaytoonah University |
| • Dr. Mohammad Ismael | Amman Arab University |
| • Dr. Yousef Taharweh | Amman Arab University |