

ISAIR2023

Beijing, China

21-23 Oct., 2023



The 8th International Symposium on Artificial Intelligence and Robotics 2023

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Cognitive Robotics Journal

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“Artificial Intelligence for Robotics”

The integration of artificial intelligence and robotic technologies has become a topic of increasing interest for both researchers and developers from academic fields and industries worldwide. It is foreseeable that artificial intelligence will be the main approach of the next generation of robotics research. The aim of this symposium is to provide a platform for young researchers to share up-to-date scientific achievements in this field. ISAIR conference is organized by International Society for Artificial Intelligence and Robotics (ISAIR), IEEE Big Data TC and SPIE.

We invite original contributions on all topics related to *Artificial Intelligence*, *Robotics* and *Internet of Things*. Topics of interest include, but are not limited to:

- Artificial Intelligence
- Behavioral Analysis of Robots
- Brain-Machine Interface
- Computer Vision
- Computational Perception and Action
- Cognitive Computing
- Distributed Robotics
- Edge Computing
- Fusion Algorithms
- Genetic Algorithm
- Human Activity Monitoring
- Human-Robot Cooperation
- Intelligent Agents
- Image Processing
- Internet of Things
- Mini-Robots
- Mobile Manipulation
- Multi-Robot Localization and Mapping
- Multi-Robot Tele immersion
- Multimedia Tools for Robotics
- Machine Learning
- Neural Networks
- Object Recognition
- Optimal Information Processing
- Pattern Recognition
- Robotic Routers
- Robotic Sensor Networks
- Sensor Design and Placement
- Soft Computing
- Underwater Robots and Applications
- Vehicle Navigation and Localization
- Wireless Communications

PAPER SUBMISSION, PUBLICATIONS AND INDEXATION

Each submission should be regarded as an undertaking that, should the submission be accepted, at least one of the authors must register the paper and attend the conference to present the work in order for the accepted paper to be submitted into the Scopus.

Submission site & Template: <https://isair.site/>

The accepted high quality papers will be recommended to special issues in sustainability-related SCI indexed journals, such as:

IEEE Wireless Communications (SCI)

Cognitive Robotics (Scopus)

International Journal of Machine Learning and Cybernetics (SCI)

IEEE Transactions on Artificial Intelligence (SCI)

Pattern Recognition (SCI)

Applied Soft Computing (SCI)



IMPORTANT DEADLINES

Deadline for special session submissions... April 1, 2023

Deadline for regular paper submissions.... **June 1, 2023**

Deadline of early registration..... July 15, 2023

Conference Date..... October, 2023



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