

ISAIR2018

Nanjing, China

17-19 Nov., 2018



The 3rd International Symposium on Artificial Intelligence and Robotics

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“Brain Intelligence for Next-Generation IoTs”

The integration of brain intelligence and Internet of Things technologies has become a topic of increasing interest for both researchers and developers from academic fields and industries worldwide. It is foreseeable that brain intelligence will be the main approach of the next generation of IoTs research. The explosive number of brain intelligence algorithms and increasing computational power of computers has significantly extended the number of potential applications for IoT technologies. It has also brought new challenges to the artificial intelligence community. The aim of this symposium is to provide a platform for young researchers to share up-to-date scientific achievements in this field.

We invite original contributions on all topics related to *Artificial Intelligence*, *Computer Vision*, *Multimedia*, *Internet of Things*, and *Robotics*, including, but not limited to:

- Audio Multimedia Learning
- Cross Multimedia Learning
- Cloud Multimedia Processing for Robotics
- Deep Learning for Robot Vision
- HPC GPUs for Deep Learning
- Multimedia for Robot Control
- Multimedia for Robot Navigation
- Multimedia Fusion for Robotics
- Multimedia Communications for Robots
- Multimedia Compression for Robots
- Intelligent and Learning Control
- Robotics and Mechatronics
- Robust and Nonlinear Control
- Biomedical Control Systems
- Robotic System Modeling and Simulation
- Machine Learning
- User Experience for Multimedia Systems
- Wireless Multimedia Robots
- 3D Scene Reconstruction
- RGB-D Vision
- Pattern Recognition and Computer Vision
- Computational Imaging
- Object Tracking
- Deep Learning for Computer Vision
- Big Data for Networks
- Internet of Things Applications
- Vision-based Robotic Manipulation
- AI-based Vision Sensors
- Medical Imaging and Processing
- Acoustic/Tactile Sensors Design
- Sensor Networks
- Virtual Reality/Mixed Reality

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/submission/>

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

Computers & Electrical Engineering (SCI, IF=1.57)

IEEE Access Journal (SCI, IF=3.244)

Mobile Networks and Applications (SCI, IF=3.259)

IEEE Consumer Electronics Magazine (SCI, IF=1.153)

Optics and Laser Technology (SCI, IF=2.109)

IMPORTANT DEADLINES

Full paper submission..... **August 01, 2018**

Notification of paper acceptance..... August 30, 2018

Registration & final paper submission..... September 15, 2018



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URL <https://isair.site/>