ISAIR 2017

Kitakyushu, Japan
25-26 Nov., 2017

The 2nd International Symposium on Artificial Intelligence and Robotics

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"Future 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 robotic research. The explosive number of artificial intelligence algorithms and increasing computational power of computers has significantly extended the number of potential applications for robotic 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 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 Machine Vision
- Computational Imaging
- Object Tracking
- Deep Learning for Computer Vision
- Big Data for Networks
- Computer Vision for Ocean Observing
- Vision-based Robotic Manipulation
- AI-based Vision Sensors
- Medical Imaging
- Acoustic Sensors
- Sensor Networks
- Tactile Sensors

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 EI Compendex. Submission site: **https://easychair.org/conferences/?conf=isair2017**.

All of the accepted papers will be recommended to special issues in sustainability-related EI or SCI indexed journals, such as Computers & Electrical Engineering (SCI, IF=1.084), IEEE Access Journal (SCI, IF=1.270), Multimedia Tools and Applications (SCI, IF=1.331), ACM/Springer Mobile Networks and Applications (SCI,IF=1.538), International Journal of Embedded System (EI), International Journal of Computational Science and Engineering (ESCI).

IMPORTANT DEADLINES

Full paper submission.................................. July 01, 2017
Notification of paper acceptance................ August 01, 2017
Registration & final paper submission.......... August 15, 2017

https://shinoceanland.com/conference/isair2017/