

ICoIAS 2021

CALL FOR PAPERS

The 4th IEEE International Conference on Intelligent Autonomous Systems

May 14-16, 2021

www.icias.org

Topics describe original research work in areas below, but not limited to:

- A**
Advanced Intelligent Control:
Intelligent control theories and methods, multi-agent collaborative control, sensor fusion in intelligent automatic systems;
- B**
Robotic In-Situ Assembly and Manufacturing:
human-robot interaction, intelligent reasoning, motion planning, multi-modal perception, automatic operation;
- C**
Robot Grasping and Manipulation:
grasping planning, grasp synergies, human grasping and manipulation modeling and learning, dexterous manipulation, in-hand manipulation, learning and cognitive development of grasping and manipulation;
- D**
Vision and Navigation:
SLAM, 3D vision, RGB-D Perception, machine vision, vision inspection, scene understanding;
- E**
Bionic Robots and Technologies:
Bionic materials, Mechanism, Ingenious structure;
- F**
Deep Learning and Pattern Recognition:
objection detection, and recognition,
- G**
Applications to Autonomous Systems, such as unmanned surface vehicles, unmanned aerial vehicles, spacecrafts, robotic systems, flexible manipulators etc.

The Conference is co-organized by **Dalian Maritime University, China** and **Wuhan University of Science and Technology, China**.

ICoIAS'2021 marks the 4th Anniversary of the ICoIAS conferences. The ICoIAS provides a premier interdisciplinary platform for researchers, engineers and educators throughout the world to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Intelligent Autonomous Systems.

Publication

All Peer-reviewed accepted papers after proper registration and presentation will be published in the ICoIAS 2021 conference Proceedings, and reviewed by the IEEE Conference Publication Program for IEEE Xplore, **Ei Compendex** and **Scopus**.

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Key Dates

December 30th, 2020

Deadline for submission

February 1st, 2021

Notification of Acceptance

February 28th, 2021

Notification of Acceptance

March 30th, 2021

Deadline for Authors' Registration

Submission

A: <https://easychair.org/conferences/?conf=icoias2021>

B: icias@zhconf.ac.cn

.pdf or .doc file; ([Template here](#))

Maximum length of 6 pages (single space, Times Roman of font size 10, two columns format), including figures, tables and references.

Upon acceptance, authors will be required to register and present their papers. Papers will be published in the conference proceedings only if at least one of the authors is officially registered.

Proceedings List

IEEE Xplore | Ei Compendex & Scopus 2018

ISBN: 978-1-5386-6329-5

IEEE Xplore | Ei Compendex & Scopus 2019

ISBN: 978-1-7281-2662-3

IEEE Xplore | Ei Compendex & Scopus 2020

ISBN: 978-1-7281-6077-1

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