ICCIP®

2024 the 10th International Conference on Communication and Information Processing

Lingshui, Hainan, China / November 14-17, 2024

Track 4

Artificial Intelligence & Internet of Things (AIOT)

Recently, the combination of artificial intelligence and Internet of Things enables a variety of novel and interesting applications. Meanwhile, many new research opportunities and challenges are emerging in both AI and IOT communities.

This special session aims to bring together researchers, practitioners, and industry experts to discuss recent advancements, challenges, and emerging trends in the field of Artificial Intelligence of Things (AIoT), with a specific emphasis on processing IoT and sensor data. It will provide a platform for sharing knowledge, exchanging ideas, and exploring novel applications, algorithms, architectures, and protocols in this rapidly evolving field.

Topics include, but not limited to:

- Intelligent sensing with radio, light, acoustics, and vision
- Collaborative sensing
- Infrastructure support for AIoT computing
- Resource allocation and management in AIoT
- Edge computing architectures and platforms
- Software architectures for AIoT devices and computing
- Edge, embedded and distributed AI
- Autonomous unmanned system
- Mobile data science & analysis
- Data management for AIoT applications
- Privacy and security issues in AIoT
- Intelligent IoT systems and applications

Special Session Organizer(s):

Haitao Zhang
Beijing University of Posts and Telecommunications

Submissions

Submit method: http://iccip.org/submission.html
Submit full paper/abstract via online system: https://www.zmeeting.org/submission/iccip2024

Publication

ICCIP 2024 is to publish latest & high-quality research works on communication and information processing in theoretical and practical aspects. Submitted paper will be peer reviewed by conference committees. The accepted paper will be included into ICCIP 2024 Conference Proceedings, which will be archived in the ACM Digital Library, and indexed by Ei Compendex and Scopus

Contact us

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