

Call For Papers

Special Session: Object Tracking and Detection and Its Applications

Conference: The 2023 International Conference on Cyber-physical Social Intelligence (ICCSI)

Date: October 20-23, 2023

Meeting mode: In-person

Location: Xi'an, China

Web site: <https://agist.org/iccsi2023>

Target tracking and detection technology is getting more and more attention because of its wide application. The recent trend of study attempts to use multi-modal data for target tracking and detection tasks have made remarkable progress. The target tracking and detection algorithm based on deep learning also achieves satisfactory performance. However, due to the lack of labeled training data, the insufficient representation ability of the trained model affects the performance of the target tracking and detection algorithm. From the application scenarios of target tracking and detection, the current research still has obvious shortcomings. In this session, we would like to collect and investigate the recent advances in the ongoing researches of Object Tracking and Detection and Its Applications. We also welcome high-quality papers in all theoretical and practical aspects of the object tracking and detection.

Interested topics include (but not limited to):

- Single/Multiple Object Tracking
- Object Detection and Its Applications
- Person re-ID and Person Search
- Self-supervised/ Unsupervised Learning
- Image Fusion and Its Applications
- Thermal Infrared Target Tracking and Detection
- Tiny/Small Target Tracking and Detection

Important Dates:

March 31, 2023,	Letter of intent for paper contribution
May 15, 2023,	Full paper submission
July 1, 2023,	Acceptance/Rejection notification
August 31, 2023,	Final camera-ready papers due

Special Session Co-chairs:

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All inquiries about the session, including the letter of intent, should be sent to any of the co-chairs above