Call For Papers

Special Session: Deep Learning, Graph Learning and Their Application
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

Deep learning plays a significant role in the computer vision field. Specifically, the deep network models have achieved great success in object detection, face recognition and human behaviour analysis. Moreover, deep learning has also become the mainstream technique for the medical image analysis field. Graph learning aims to learn complex relationships among nodes and the topological structure of graphs, such as bio-entity network and social network. Due to the broad application prospects of graph learning in various scenarios including text, image and biology, it has become a popular and promising area in machine learning. In this session, we would like to collect and investigate the recent advance for the intelligent applications of deep learning and graph learning in different fields. We also expect high-quality papers which can effectively solve special problems based on the deep learning or graph learning technology.

Interested topics include (but not limited to):
- Computer vision
- Object detection and face recognition
- Human behavior analysis
- Medical image analysis
- Lesion detection and segmentation
- Medical image registration
- Graph learning in bioinformatics
- Node classification, link prediction and graph representation learning

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