Call For Papers

Special Session: Deep Learning Driven Medical Image Analysis
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

Magnetic Resonance (MR), Computed Tomography (CT), Ultrasound, and X-ray are common imaging modalities used for medical image analysis. Computer vision has been widely applied across different medical imaging applications such as segmentation, classification, detection, and localization. In recent years, deep learning technology becomes more matured and medical image dataset size increases sharply. There have been several new breakthrough innovations and solutions for computer vision tasks in various medical imaging applications. Inspired by this, this special issue aims to provide a platform for the promotion of the latest deep learning research in medical image analysis.

Interested topics include (but not limited to):

- Image understanding in medical computer vision
    1. Medical image segmentation
    2. Medical image classification
    3. Medical image detection
    4. Medical image localization
    5. Medical image registration

- Intelligent systems in medical image analysis
    1. Deep learning models in medical imaging
    2. Computer-assisted diagnosis in medical imaging

- Multimodality medical imaging
    1. Deep learning models in multimodality medical imaging
    2. Optimization of deep learning models in multimodality medical imaging

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