

Call For Papers

Special Session: Recent Advances on Artificial Intelligence and Deep Learning for cyber-physical-social intelligence

Conference: International Conference on Cyber-physical Social Intelligence (CSI) 2022

Date: October 21-24, 2022

Location: Nanjing, China

Meeting mode: Hybrid

Web site: <https://iccsi2021.agist.org/>

Thanks to the huge increase of computing power and resources, to today's ubiquity of the Internet of Things (IoT) and smart devices, and to the breakthroughs in Artificial Intelligence and deep learning over the last years, the field of cyber-physical-social intelligence has witnessed a dramatic development and success stories on a wide range of fields, involving the interaction between humans, machines and society. The latter include but are not limited to Human-Computer Interaction, Robotics, Digital Twins, AR/VR, Social Media, e-Health, Education, Cybersecurity, Smart Cities, Smart Manufacturing, Smart Agriculture, Social Sciences, Entertainment. The aim of this special issue is to highlight recent advances and trends of AI/deep learning that made possible such breakthroughs in connection with machine interaction.

Topics of interest include, but are not limited to:

- New Neural network Architecture Designs
- Representation Learning
- Semi-supervised Models
- Unsupervised and Self-Supervised Learning
- Deep Reinforcement Learning
- Transfer Learning and Adaptive Learning
- Explainability and Interpretability of Deep Learning Models
- Ethics and Fairness in AI
- Adversarial Attacks and Generative Adversarial Networks
- Deep Learning for Computer Vision
- *Deep learning for health monitoring*
- *Deep learning for improving human experience*

Organizers:

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Important Dates:

- Full paper submission May 15, 2022
- Notification of acceptance July 1st, 2022
- Final paper submission August 31st, 2022

Submission Guidelines:

All the instructions for paper submission are included in the conference website:

<https://iccsi2022.agist.org/>

Please specify the special session when you submit your paper.

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