IEEE CAI

2024 IEEE Conference on Artificial Intelligence
Sands Expo and Convention Centre
Marina Bay Sands, Singapore
25-27 June 2024

CALL FOR PAPERS

PAPERS | WORKSHOPS | PANEL PROPOSALS

IEEE CAI is a new conference and exhibition with an emphasis on the applications of AI and key AI verticals that impact industrial technology applications and innovations.

IMPORTANT DATES

Workshop & Panels proposal: **20 Nov 2023**
Abstract submission: **13 Dec 2023**
Full paper submission: **20 Dec 2023**
Acceptance notifications & reviewers' comments: **25 Mar 2024**
Final reviewed submission: **25 Apr 2024**

IEEE CAI seeks original, high-quality proposals describing the research and results that contribute to advancements in the following AI applications and verticals:

AI in Education
Involves the creation of adaptive learning systems, personalised content delivery, and administrative automation. It also utilises predictive analytics to monitor student progress and identify learning gaps.

Healthcare and Life Science
Explores the need for improved decision-making to assist medical practitioners as well as additional medical issues including personnel allocation and scheduling, automated sensing, improved medical devices and manufacturing processes, and supply chain optimisation.

Industrial AI
Enhance the aerospace, transportation, and maritime sectors by optimising system design, autonomous navigation, and management logistics. It emphasises robust cybersecurity, efficient Digital Twins usage, and comprehensive asset health management.

Resilient and Safe AI
Develop AI systems that are reliable, secure, and able to withstand unexpected situations or cyberattacks. It emphasises the importance of creating AI technologies that function correctly and safely, even under adverse conditions, while also maintaining data privacy and system integrity.

Societal Implication of AI
Explores the impact of artificial intelligence on society, including issues related to ethics, privacy, and equity. It examines how AI influences job markets, decision-making processes, and personal privacy, while also considering the importance of fairness, transparency, and accountability in AI systems.

Sustainable AI
Employ AI to optimise resource usage, reduce waste, and support renewable energy initiatives. The ultimate aim is to leverage AI's problem-solving capabilities to address environmental challenges and contribute to a sustainable future.

Access all submission details: https://ieeecai.org/2024/authors

Papers accepted by IEEE CAI will be submitted to the IEEE Xplore® Digital Library. Selected high-quality papers will be further invited for submission to a journal special issue.

COMMITTEE INFO:
General Co-Chair: Prof Ivor Tsang
General Co-Chair: Prof Yew Soon Ong
General Co-Chair: Prof Hussein Abbass

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