

CfP Special Session

March 6-8, 2024, Arcada University of Applied Sciences, Helsinki, Finland



Special Session Call for Papers “Advances and Challenges in Applied Artificial Intelligence (ACAAI)”

as part of the International Conference on Smart Technologies & Education (STE 2024)

ACAAI Background and Overview

Artificial Intelligence (AI) has become a ubiquitous and relevant element in all fields of knowledge. Recent advances in fields as far as biology, finances, sociology, anthropology, computer science, material science and more have shown the importance of continuing the application of AI for a more sustainable and fair future. Developments in algorithms like artificial neural networks (e.g., transformer architectures) and highly reliable and open-source libraries and hardware have firmly pushed the use of artificial intelligence in academia and industry.

In this special session, we aim to present and discuss advances and challenges in applied artificial intelligence in all areas of knowledge. Our goal is that researchers and audiences engage in fruitful conversations and future collaborations to expand the use of artificial intelligence

ACAAI Topics

We encourage you to submit your research on the next (but not restricted) topics:

- Artificial intelligence
- AI-based optimization
- AI-based medical imaging
- AI-based image processing
- AI-based shape/pattern recognition
- AI in industrial applications
- Evolutionary computation
- Nature-inspired metaheuristic techniques
- Genetic algorithms
- Swarm intelligence
- Hybrid methods
- Swarm robotics
- Cognitive sciences
- Neural processing
- others

ACAAI Program Committee

Chairs

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Special Sessions General Information

Special Sessions, held in parallel with the general conference, are an integral part of the conference. They provide researchers in focused areas the opportunity to meet and present their work, and offer a forum for interaction among the broader community of technology-enhanced learning, and online engineering world-wide. Special sessions papers are required to meet the same standards as papers in the general conference and are published in the same conference proceedings.

Special Session papers must be submitted to REV submission server (<https://www.conftool.com/ste2024/>) to the respective Special Session track. Special Session papers will be reviewed by at least two members of the special session's program committee, and acceptance decisions will be made by the conference program co-chairs and Special Sessions Chair.

Important Deadlines

30 Nov 2023	Submission of complete Special Session papers
15 Dec 2023	Notification of acceptance
15 Jan 2024	Camera-ready due & Author registration deadline
06 Mar 2024	STE 2024 opening

Review/Proceedings

All submissions will undergo a double-blind review process. All accepted and presented papers will be published as STE 2024 Proceedings in Springer's Lecture Notes in Networks and Systems. The books of these series are submitted to ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink. Selected award-winning papers will be recommended for publication in international journals.