



Call for Papers

1st IEEE/ACIS International Conference on Artificial Intelligence and Machine Learning (AIML 2027)

May 26 – 28, 2027, Las Vegas, NV, USA

Hybrid (in person & online)



The International Conference on Artificial Intelligence and Machine Learning (AIML 2027) brings together researchers, scientists, engineers, industry practitioners, educators, and students to exchange advances, ideas, and research results across artificial intelligence and machine learning. The conference covers theoretical foundations, algorithms, systems, responsible AI, and real-world applications, while encouraging discussion of practical challenges and emerging solutions.

Scope and Topics of Interest

AIML 2027 invites original research, experience reports, applications, tools, and emerging results. Topics include, but are not limited to, the following areas:

1. AI and Machine Learning Foundations
 - Machine-learning theory and algorithms
 - Deep learning
 - Reinforcement learning
 - Self-supervised and unsupervised learning
 - Transfer and continual learning
 - Federated and distributed learning
 - Graph and time-series learning
 - Causal and scientific machine learning
2. Generative AI and Foundation Models

- Generative artificial intelligence
 - Foundation models
 - Large language models
 - Multimodal foundation models
 - Retrieval-augmented generation
 - Model adaptation and fine-tuning
 - Model alignment
 - Generative-AI evaluation and factuality
3. Perception Language and Knowledge Intelligence
- Natural language processing
 - Speech recognition and synthesis
 - Computer vision
 - Image processing and pattern recognition
 - Multimedia intelligence
 - Knowledge representation
 - Automated reasoning and planning
 - Neuro-symbolic artificial intelligence
4. Agentic AI Robotics and Autonomous Systems
- Intelligent agents
 - Agentic AI systems
 - Tool-using AI agents
 - Multi-agent systems
 - Agent planning and decision-making
 - Robotics and embodied intelligence
 - Autonomous vehicles and UAVs
 - Human-agent and human-robot interaction
5. Trustworthy Human Centered and Efficient AI
- Explainable and interpretable AI
 - Trustworthy and responsible AI
 - AI fairness and accountability
 - AI safety and alignment
 - Adversarial machine learning
 - Privacy-preserving AI
 - Human-centered AI
 - Efficient and sustainable AI
6. AI Data Evaluation and Applications
- Data-centric artificial intelligence
 - AI datasets and benchmarks
 - AI evaluation methodologies
 - Reproducible AI research
 - AI for healthcare and science
 - AI for business and finance
 - AI for cities, transportation, and environment
 - AI governance, ethics, policy, and law

Important Dates

Special session proposal:	January 12, 2027
Full Paper Submission:	February 26, 2027
Acceptance Notification:	April 5, 2027
Camera-Ready Papers & Registration:	April 19, 2027
Conference Dates:	May 26 – 28, 2027

Submission Types

- Full Paper
- Short Paper
- Special Session Paper (invitation only)

Submission Instructions

Authors who are interested in the above topics can submit their unpublished work to AIML 2027 conference via EasyChair. A clear indication of motivation and comparison with prior related work should be presented. Simultaneous submission to a journal or another conference with refereed proceedings is not allowed.

Submissions must adhere to the following guidelines:

- Papers must be formatted using [IEEE Conference templates](#) file without altering margins or the font point.
- The maximum length is 8 pages for a regular paper and is 4 pages for a short paper (including references).
- Proofs omitted due to space constraints must be placed in an appendix to be read by the program's committee members at their discretion.
- Please put the “AIML2027:” in front of your paper title.

Best Paper Award

Conference officers will select papers for the Best Paper Award. (To qualify for an award, the Paper must be presented at the conference.)

Publication

AIML 2027 Proceedings will be published by IEEE Conference Publishing Services and will be submitted to be indexed by EI, INSPEC, and DBLP.

Conference officers will select outstanding papers for publication in the following journals (www.acisinternational.org):

- International Journal of Networked and Distributed Computing (IJNDC), Springer, Germany
- International Journal of Software Innovation (IJSI), IGI Global, U.S.A.
- International Journal of Big Data Intelligence and Applications (IJBDA), IGI Global, USA
- Studies in Computational Intelligence (SCI), Springer, Germany

Organizing Committee:

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