

An Initiative of the COMSNETS Association

## 6th International Conference

# AI-ML Systems 2026

October 6-9, 2026 | Politecnico di Milano Campus in Lecco (Lecco), Italy.

[www.aimlsystems.org](http://www.aimlsystems.org)

<https://cmt3.research.microsoft.com/AIMLSystems2026/>



## CALL FOR PAPERS

Submit your original research work targeting the intersection of AI-ML techniques and systems engineering. The conference aims to explore how AI and ML benefit from computational systems research, and how they can aid in the design of computational, industrial, and socio-economic systems.

### RESEARCH TRACK

We welcome submissions presenting original research that explores the interplay between AI/ML and system engineering, including (but not limited to) the following topics:

1. **Scalable and Efficient AI-ML Techniques**, including agentic AI systems; efficiency and reliability for AIOps; distributed, federated, and decentralized learning systems; high-performance, robust, secure, and energy-efficient learning systems; root-cause analysis and auto-scaling for systems deployed on-premise, in the cloud, or at the edge; randomized or probabilistic ML models for large-scale systems.
2. **System Architectures for AI-ML Applications**, including advanced hardware platforms (CPU, GPU, accelerators, edge devices) enabling improved cost, performance, and power efficiency; high-performance computing for AI workloads; custom hardware and co-design for AI; and data-intensive and communication infrastructures.
3. **AI-ML-Driven Socio-Economic and Decision Systems**, vertical and domain-adapted foundation models, agentic workflows, and emerging AI techniques with significant system-level implications.
4. **Domain-Specific AI-ML Solutions**, focusing on advanced AI-ML methods for real-world systems and applications (e.g., healthcare, education, governance, finance, communication, security, and computer vision), with emphasis on scalability, robustness, and operational constraints.
5. **Safe and Responsible AI Systems**, including safe system design, detection of out-of-distribution data and hallucinations, verification and testing of AI systems, and analysis of risks and opportunities arising from real-world deployment.

Further details available on the online CFP: <https://www.aimlsystems.org/2026/callresearch/>

### INDUSTRY TRACK

The Industry Track solicits submissions describing AI-ML systems and solutions addressing practical, real-world problems in industry, broadly defined to include manufacturing, finance, government, and large-scale operational environments. Topics of interest include:

1. **Industrial AI-ML Systems Design**, focusing on the design and implementation of AI-ML-based systems that solve real industrial or societal problems.
2. **Real-World Challenges and Constraints**, solutions, optimizations, and lessons learned from deploying learning systems under practical constraints such as scale, latency, reliability, cost, safety, and regulation.
3. **Industrial AI-ML Systems Implementation**, describing how existing or previously published AI-ML methods can be adapted, engineered, and integrated into production-level systems.
4. **System Impact**, including demonstrations of significant and verifiable business, operational, or societal impact resulting from real deployments.
5. **Dare to Try**, featuring AI-ML systems under development, ambitious real-world attempts, and well-documented negative results or failures that provide valuable insights and lessons learned.

Further details available on the online CFP: <https://www.aimlsystems.org/2026/callindustry/>

### PAPER SUBMISSION

Only papers that meet the high-quality and innovation standards of conference will be accepted.

Papers submitted to the research track must not exceed 8 pages. Papers submitted to the industry track must not exceed 6 pages (for regular papers) and 4 pages (for short papers). Short industry papers will be presented as posters. Page limit applies to the main body of the paper, excluding bibliography and acknowledgments.

All the papers should be formatted according to the [IEEE template](#) and submitted in PDF format through the CMT platform. Authors are required to select a single conference track (research or industry), make a primary topic selection, and optionally add secondary topics for each paper.

The number of accepted papers under each topic is not capped. All the accepted papers (research and industry) will appear in the proceedings.

#### IMPORTANT DATES

Abstract submission deadline: June 8, 2026, 11:59 pm AoE.

Full paper submission deadline: June 15, 2026, 11:59 pm AoE.

Author notifications: July 30, 2026, 11:59 pm AoE.

Camera ready submission deadline: Aug 31, 2026, 11:59 pm AoE.

#### LINKS

Research Track: <https://www.aimlsystems.org/2026/callresearch/>

Industry Track: <https://www.aimlsystems.org/2026/callindustry/>

Workshop Track: <https://www.aimlsystems.org/2026/callworkshops/>

Demo and Exhibit Track: <https://www.aimlsystems.org/2026/demos/>

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