

An Initiative of the COMSNETS Association

5th International Conference

AI-ML Systems 2025

October 8-11, 2025 | Chancery Pavilion Hotel, Bangalore, India
www.aimlsystems.org

<https://cmt3.research.microsoft.com/AIMLSys2025/>



CALL FOR PAPERS

Submit your previously unpublished research on the intersection of AI-ML techniques and systems engineering specifically exploring how AI-ML techniques benefit from computational systems research and how they can aid in the design of computational and socio-economic systems.

RESEARCH TRACK

Research papers must not exceed 8 pages, excluding appendix, acknowledgment and bibliography. Papers can be submitted under any of the four main topics listed below:

1. Systems for AI-ML including Generative AI- Newer systems and hardware architectures to bring in cost/performance/power efficiency for AI-based enterprise and scientific applications management, Efficiency for AIOps.
2. AI-ML for developing applications and Systems – Use of next generation AI techniques, and learning systems to build high performance, robust, secure and power efficient applications and systems using on-prem, cloud and/or edge deployments e.g. Root cause analysis, Auto scaling, building applications using agentic AI workflows
3. AI-ML for Socio-Economic Systems Design
4. Domain-Specific AI-ML- Vertical LLM, healthcare, Industry Specific AI

Papers should be formatted according to the IEEE template and submitted in PDF format (see <https://www.ieee.org/conferences/publishing/templates.html>). Submissions are handled through the CMT platform. Authors are required to make a primary topic selection, with optional secondary topics for each paper. Number of papers accepted under each topic is not capped. We will accept all papers that meet the high quality and innovation levels required by the AI-ML Systems conference. All papers that are accepted will appear in the proceedings.

Further details available on the online CFP: <https://www.aimlsystems.org/2025/callresearch/>

INDUSTRY TRACK

The Industry Track solicits submissions of papers that

1. Describe designs and implementations of solutions and systems for practical tasks at the intersection of AI-ML and computer systems.
2. Solve or advance the understanding of issues related to deploying learning systems in the real world.
3. Learnings of implementing published work for deploying AIML applications/systems in productions.
4. Demonstrate significant, verifiable business and/or real-world impact as a result of such deployments.

Regular industry papers must not exceed 6 pages including bibliography. We also welcome short papers, not exceeding 4 pages including bibliography, which will be presented as posters. All accepted papers (regular and short) will appear in the proceedings.

Papers should be formatted according to the IEEE template and submitted in PDF format (see <https://www.ieee.org/conferences/publishing/templates.html>). Submissions are handled through the CMT platform. Authors should make sure to select the Industry Track when submitting their industry paper contribution on CMT.

Further details available on the online CFP: <https://www.aimlsystems.org/2025/callindustry/>

IMPORTANT DATES

Abstract deadline: July 11, 2025, 11:59 pm AoE.

Submission deadline: July 14, 2025, 11:59 pm AoE.

Author notifications: Aug 10, 2025, 11:59 pm AoE.

Camera ready deadline: Aug 31, 2025, 11:59 pm AoE.

Research Track: <https://www.aimlsystems.org/2025/callresearch/>

Industry Track: <https://www.aimlsystems.org/2025/callindustry/>

Demo and Exhibits Track: <https://www.aimlsystems.org/2025/demos/>

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Watch this space for more information for our [workshop tracks](#) and the [entrepreneurship ignite summit](#): details are forthcoming.