

AI-ML Systems 2024

October 8-11, 2024 | Louisiana State University, Baton Rouge, USA

<https://cmt3.research.microsoft.com/AIMLSystems2024/>



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Submit your previously unpublished research on the intersection of AI-ML techniques and systems engineering specifically exploring how AI-ML techniques benefit from computational systems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
2. AI-ML for Systems
3. AI-ML for Socio-Economic Systems Design
4. Domain-Specific AI-ML

Papers should be formatted according to the ACM sigconf template and submitted in PDF format (see <https://www.overleaf.com/gallery/tagged/acm-official>). 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.

Further details available on the online CfP: <https://www.aimlsystems.org/2024/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. Establish new connections among these diverse fields, and identify tools, best practices, and design principles.
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 ACM sigconf template and submitted in PDF format (see <https://www.overleaf.com/gallery/tagged/acm-official>). 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/2024/callindustry/>

IMPORTANT DATES

Submission deadline: Jun 7, 2024, 11:59 pm AoE.

Author notifications: Jul 31, 2024, 11:59 pm AoE.

Camera ready deadline: Aug 14, 2024, 11:59 pm AoE.

Research Track: <https://www.aimlsystems.org/2024/callresearch/>

Industry Track: <https://www.aimlsystems.org/2024/callindustry/>

Demo and Exhibits Track: <https://www.aimlsystems.org/2024/demos/>

ORGANISING COMMITTEE

- **General Co-Chairs**
 - Manuel Roveri, Politecnico di Milano, Italy
 - Supratik Mukhopadhyay, LSU, USA
 - Rahul Ghosh, Walmart Global Tech, India
- **Technical Program Committee Co-Chairs**
 - Manish Gupta, Microsoft, India
 - Davide Bacciu, Università di Pisa, Italy
 - Rashmi Gangadharaiah, Amazon, USA
- **Research Track Co-Chairs**
 - Shailesh Deshpande, Tata Research, India
 - Lori Landay, Berklee College, USA
 - Brandon Oubre, Harvard, USA
 - George Xue, LSU, USA
 - Paulo Lisboa, John Moores University, UK
 - Yimin Zhu, LSU, USA
 - Rahmani Hossein, Lancaster University, UK
 - Krishna Paudel, USDA, USA.
- **Industry Track Co-Chairs**
 - Anupam Purwar, Amazon, India
 - Veena Mendiratta, Northwestern Univ, USA
- **Tutorial Chairs**
 - Sandipan Dandapat, Microsoft, India
 - Rajarshi Das, Amazon, USA
- **Workshop Co-Chairs**
 - Sierra Simpson, UC San Diego, USA
 - Anupam Purwar, Amazon, India
 - Hiteshi Sharma, Microsoft Research, USA
- **Web Co-Chairs**
 - John Paul Breaux, Baton Rouge, USA
 - Vivek Yadav, IIT Bangalore, India
 - Shivani Singh, IIT Bangalore, India
- **Demos & Exhibits Co-Chairs**
 - Tridib Mukherjee, Games24x7, India
 - Fan Yang, Amazon, USA
- **Publications Chair**
 - Subrato De, Qualcomm, USA
- **Publicity Co-Chairs**
 - Massimo Pavan, Politecnico di Milano, Italy
 - Yan Wang, LSU, USA
 - Subhajit Sidhanta, IIT Bhubaneswar, India
- **Social Media Co-Chairs**
 - Alessandro Falcetta, Politecnico di Milano, Italy
 - Arghya Kusum Das, Univ of Alaska Fairbanks, USA
 - Shantanu Pal, Deakin Univ, Australia
- **Panel Co-chairs**
 - Shantanu Pal, Deakin University, Australia
- **IT Co-Chairs**
 - Raj Sharma, Walmart Global Tech, India
- **Sponsorship Chairs**
 - Rajeev Shorey, IIT Delhi, India
 - Giridhar Mandyam, Qualcomm, USA
- **Steering Committee Co-Chairs**
 - Uday Desai, IIT Hyderabad, India
 - G Venkatesh, Sasken, India
 - Anurag Kumar, IISc Bangalore, India
 - Giridhar Mandyam, Qualcomm, USA
 - Huzur Saran, IIT Delhi, India
 - Rajeev Shorey, IIT Delhi, India