Call for Papers
Muslims in ML Workshop
co-located with NeurIPS 2024

We are pleased to announce the 3rd Muslims in Machine Learning (MusIML) Workshop, which will take place at NeurIPS 2024 on Tuesday, December 10th, 2024, from 1:00 PM - 6:00 PM PST in West Meeting Room 215-216, Vancouver Convention Center, Vancouver, Canada. This workshop aims to amplify the development and use of machine learning (ML) in Muslim communities including Muslim-majority countries and strategies for global societal impact through AI and ML.

Workshop Overview

The MusIML workshop serves as a platform for researchers and practitioners to explore the intersection of machine learning, AI, and Muslim communities. Our mission is to promote high-quality research that not only fosters growth within Muslim communities but also advances strategies to improve fairness, inclusion, and ethical AI. We encourage contributions that address these challenges and highlight how ML can be a tool for positive change, especially for Muslims in both Muslim-majority countries and global communities.

Important Dates

- Call for Papers Open: October 15, 2024
- Submission Deadline: November 15, 2024
- Notification of Acceptance: November 25, 2024
- Camera-Ready Submission: November 30, 2024
- Workshop Date: December 10, 2024

Submission Guidelines

We invite submissions of non-archival short papers (up to four pages) including all figures and tables but excluding references in PDF format. Papers may have been previously published or be under review elsewhere. To prepare your submission, please use the LaTeX style files for NeurIPS 2024: NeurIPS 2024 LaTeX style file. All submissions will be peer-reviewed through **OpenReview**.
All submissions must follow NeurIPS Author Guidelines. Submissions must be anonymized, please refrain from including personally identifiable information. Submissions will be reviewed in a double-blind setting.
Accepted papers will be showcased in a **poster session**, and selected authors will present **lightning talks**. Participants will also have the chance to present in a **joint poster session** with other NeurIPS affinity groups. Best Paper Awards will be given to papers that demonstrate strong societal impact.
All submissions will be managed through OpenReview. Full submission instructions will be available on our website by October 30th.

Workshop Tracks

The workshop will feature two primary research tracks:

Track 1: ML Research by Muslim Authors
This track invites submissions from researchers who self-identify as Muslim. We encourage work that explores the frontiers of machine learning and AI, including but not limited to:

- LLMs, MLLMs, Generative AI
- Applications of ML in vision, language, and audio
- Machine learning for society
- Probabilistic methods, Deep Learning, Reinforcement learning, and Optimization
- Social and economic aspects of machine learning
- Federated Learning and AI-driven innovations for healthcare, smart cities and public services.
- Evaluation Methodologies and Scalable Infrastructures.
- Robotics & NeuroAI.

Track 2: ML Research Addressing Challenges Faced by Muslim Communities
This track is open to all researchers, regardless of religious or ethnic background, and encourages submissions that promote the use of ML to support and empower Muslim communities globally, including in Muslim-majority countries. Areas of interest include:

- Growth of Muslims in ML: Initiatives that expand educational and professional opportunities for Muslims in ML, promote access, and encourage representation in the field.
- ML for social good: Using ML/AI to engage Muslim youth, promote community outreach, enhance societal well-being, and improve governance, healthcare, or education in Muslim communities
- Language and speech technologies: Advancements in tools for languages spoken in Muslim communities, such as Arabic, Urdu, and Persian.
- Computational analysis of Islamic scriptures: Digital humanities research, including computational studies of Hadith or Quranic texts.
- Data collection and representation: Rich datasets from diverse Muslim communities.
- Mitigating algorithmic bias and discrimination: Research exploring strategies that mitigate the algorithmic bias that impacts Muslim individuals and communities.

If you have any questions, please contact via email: **pc-musiml24@googlegroups.com**

Scan to visit Muslims in ML website