

INTERNATIONAL WORKSHOP ON
MULTI- AND CROSS-MODAL INFORMATION
FOR ENHANCED PATTERN RECOGNITION
CO-LOCATED WITH ICPR 2024



December 1, 2024, Kolkata, India – **Website:** mcmi2024.unikore.it

The MCMI workshop aims to explore the convergence and fusion of information from multiple modalities, forming the backbone of modern AI systems for robust pattern recognition and understanding. This interdisciplinary workshop encourages collaboration across fields such as audio processing, computer vision, and natural language processing. It serves as a venue to discuss recent findings, share innovative methodologies, and address future directions.

Topics of Interest and Submission Guidelines

- Technological Advancements in Multimodal Systems
- Multimodal Fusion Strategies
- Deep Learning Architectures for Multimodal Fusion
- Cross-Modal Feature Extraction and Learning
- Audio-Visual Speech Recognition
- Scene and Object Recognition from Audio-Visual Cues
- Temporal Dynamics in Multimodal Data Processing
- Robustness and Generalization across Diverse Modalities
- Applications and Interaction in Multimodal Systems
- Emotion Recognition in Multimodal Data
- Natural Language Processing for Multimedia Content
- Multimodal Datasets and Benchmarks
- Novel Interaction Paradigms for Multimodal Data Acquisition
- Security, Ethics, and Transparency in Multimodal Systems
- Ethical Considerations in Multimodal Data Processing
- Privacy-Preserving Multimodal Learning
- Explainable AI (XAI) in Multimodal Systems
- Security and Robustness in Multimodal Systems
- Adversarial Attacks and Defense in Multimodal Systems

Papers must follow Springer's LNCS template and be submitted via the workshop's system:

- **Paper length:** up to 10 pages in Springer LNCS format, including figures, tables, and references.
- **Submission link:** <https://cmt3.research.microsoft.com/MCMI2024/>
- **Peer review:** Single-blind

Accepted papers will be published in the Lecture Notes in Computer Science series by Springer, and at least one author of each accepted paper must register for the workshop by the camera-ready deadline.

Important Dates

- **Electronic submission of full papers:** July 1, 2024
- **Notification of paper acceptance:** September 1, 2024
- **Camera-ready of accepted papers:** September 27, 2024
- **Workshop:** December 1, 2024

Workshop Organizers

- Moreno La Quatra, Kore University of Enna, Italy
- Nicole Dalia Cilia, Kore University of Enna, Italy
- Vincenzo Conti, Kore University of Enna, Italy
- Salvatore Sorce, Kore University of Enna, Italy
- Giovanni Garraffa, Kore University of Enna, Italy
- Valerio Mario Salerno, Kore University of Enna, Italy

For questions regarding the submission process, please contact the organizers at mcmi.organizers@gmail.com.

Diversity and Inclusion Statement

MCMI 2024 is committed to fostering an inclusive environment that values diversity. We encourage submissions from underrepresented groups and strive to create a welcoming and respectful environment for all. We thank our participants for their cooperation in helping us create a safe and positive workshop experience for everyone.