AI4MFDD2025

The second edition of the AI4MFDD workshop is intended to disseminate recent developments in AI-enabled multimedia forensics and disinformation detection methods. Multimedia data carries not only value in its content but also value in digital forensics for combating crimes and fraudulent activities. Deliberate manipulations of multimedia content for malicious purposes have been a prevailing problem in many walks of life. With the phenomenal leap of AI and deep learning in recent years, realistically forged multimedia data are appearing as **disinformation** and **fake news**, which can impact social justice at the personal level, major political campaigns at the national level, and the stability of international relationships at the international level. The AI4MFDD2025 workshop will facilitate synergies in research and development in the areas of multimedia forensics and disinformation detection by attracting international participants from academia, law enforcement, industry, and end-users. We invite submission on the following topics, especially solutions that leverage multiple modalities in the data, i.e., video/images, text, and audio:

- Multimedia forgery detection
- Forensic techniques for multimedia repurposing detection
- Deepfake detection and deepfake dataset creation
- Multimedia content integrity verification and copyright protection through intrinsic and extrinsic data
- Techniques to quantitively assess the credibility of multimedia data
- Disinformation detection and disinformation dataset creation, including the analysis and detection of propaganda and hoaxes
- Online platform provenance analysis methods that reveal the sharing history of multimedia data
- Analysis of disinformation creation and distribution through social networks
- Sybil nodes and sybil network detection
- Anti-forensics and counter anti-forensics measures
- Novel application of techniques to multimedia forensic cases, particularly those involving the law enforcement and industry

Manuscript Submission

Authors are invited to submit papers following the template and guidelines for WACV 2025 here. Submissions to AI4MFDD2025 should have no substantial overlap with any other paper submitted to WACV2025 or any paper already published. Papers accepted to and presented at AI4MFDD2025 will be published by CVF/IEEE.

Important Dates

Paper submission deadline: December 2nd, 2024
Decision to authors: January 2nd, 2025
Camera-ready paper submission deadline: January 8th, 2025
Workshop date: February 28th or March 4th, 2025