



MiFor 2011

Multimedia in Forensics and Intelligence

held in conjunction with ACM Multimedia,
Nov 28 - Dec 1 / Scottsdale, AZ



The rapid growth of multimedia collections world-wide opens new challenges to multimedia technology with respect to crime prevention and investigation. The protection of images, video, and audio data from illegal use, as well as its exploitation in forensics and intelligence, have become serious challenges as the sheer data volume renders a full manual inspection by an expert impossible. Tools are needed to support the protection, management, processing, interpretation, and visualization of multimedia data in the different steps of the investigation process.

Many exciting solutions for related problems have been developed in the multimedia research community (including knowledge extraction, categorization, indexing, browsing and visualization), forming an excellent basis for forensics and intelligence. However, due to the complexity of the targeted material, the lack of structure and meta-data, and other application-specific constraints, approaches must be tailored, adapted, and extended.

The **International ACM Workshop on Multimedia in Forensics and Intelligence (MiFor 2011)** offers a forum for bringing solutions from multimedia research into forensics and intelligence. The workshop is targeted both at researchers working on innovative multimedia technology and experts developing tools in the field.

Workshop topics include (but are not limited to) the following:

Forensics

- Detection of forgery and stenography
- Device characterization and identification
- Media forensic applications and attack analysis
- Crime scene reconstruction and annotation
- Forensic investigation of surveillance data
- Multimodal analysis of surveillance data and biometric traces
- Authenticity of multimedia data
- Digital/encrypted domain watermarking for multimedia
- Cryptography for content protection
- Processing in the encrypted domain

Intelligence

- Searching for illicit content in multimedia databases
- Image, video, and text linking
- Multimedia near duplicate detection and retrieval
- Multimedia interfaces, visual analytics
- Identity detection
- Scalable multimedia search
- Robust hashing and fingerprinting
- Multimedia content protection in social networks and P2P networks

Paper Submissions

Submissions should follow the workshop paper formatting guidelines on www.acmmm11.org, and be 6 pages in length.

Important Dates

- Paper Registration / Submission: **July 6 / July 12**
- Notif. of Acceptance: **Aug 12**
- Camera-ready papers: **Sep 5**

Organizers

- Sebastiano Battiato / University of Catania, Italy
- Sabu Emmanuel / Nanyang Techn. Univ., Singapore
- Adrian Ulges / DFKI GmbH, Germany
- Marcel Worring / Univ. of Amsterdam, the Netherlands

Find more information on our website: <http://madm.dfki.de/mifor2011>