

Call For Papers

ACM Multimedia System Journal Special issue on “Multimedia Surveillance Systems”

(Submission deadline: February 28, 2006)

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This special issue will include contributions on the topic of “Multimedia Surveillance Systems”, regarding the study and development of distributed, multi-modal and multi-medial systems devoted to surveillance purposes. Perspective papers should discuss of both theoretical aspects and practical implementations of new generations of video surveillance and sensor networks and novel multimedia applications in the field.

The topics will include, but are not limited to, the following:

- Video Surveillance and sensor network architecture
 - Multi-Camera, multi-sensor calibration
 - Camera and/or sensor fusion
 - Cameras and/or sensors coordination and synchronization
 - New sensors, new cameras architectures
- Video analysis
 - Deterministic and probabilistic tracking
 - Motion Detection and Tracking
 - Object Detection and Recognition in Unconstrained Environments
 - People behaviour control
 - People posture, gesture, face and interaction analysis
 - Scene recognition
 - Augmented video analysis (with audio and other sensors)
- Sensor (Stream) Multimedia Surveillance Data management
 - Annotation, Indexing and Storage
 - Archival/Retrieval of Sensor Data

Authors of the 3rd Edition of ACM Workshop on Video Surveillance and Sensor Networks will be invited to submit an extended version of their paper with the following conditions:

- the authors need to expand the paper (1/3 of more information) in the journal version
- the journal version needs to go through additional peer review

Important Dates

Manuscript Submission	February 28, 2006
Acceptance Notification	May 1, 2006
Final Manuscript Due	June 1, 2006
Publication	Autumn 2006

Submission procedure

Website: <http://cairo.cs.uiuc.edu/mmsj.html>

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