1st International Workshop on

Multimedia Systems for Surveillance (MMSS)

29th August, 2010, Boston USA

In conjunction with

7th IEEE International Conference on Advanced Video and Signal-Based Surveillance

Surveillance can function both as a deterrent to help prevent crime, as well as an investigative tool to aid us in identifying the actors of incidents. Surveillance systems can record multimodal evidences, help carry out intelligent analytics to obtain multi-perspective understanding and alert security personnel and people about security breaches, malicious events and hazardous situations. These security related events can be captured in the content of surveillance data such as audio and video as a semantic unit, which bridges the gap between physical world and semantic cyberspace. If a picture is more than a thousand words, an event is worth thousands of pictures. Thus, multimodal surveillance data may convey invaluable security information. Without proper automated means, it is extremely hard to process this huge volume of surveillance data for detecting interesting events. In this workshop, we focus on multimedia surveillance systems from the experiential point of view. The semantics of multimodal surveillance data is particularly emphasized. The workshop seeks high-quality papers, which utilize the knowledge from machine vision, machine learning, pattern recognition, data mining, and artificial intelligence to process events in surveillance. Topics of interest include, but are not limited to:

- Multimedia Events Capturing in Surveillance Environment
- Multimedia Events Search and Retrieval in Surveillance Systems
- Multimedia Events Mining and Reasoning for Surveillance
- Multimedia Events Management and Exploration in Surveillance Systems
- Multimedia Events Presentation in Surveillance Systems
- Life Cycle of Multimedia Events in Surveillance Systems
- Applications of Event Web in Multimedia Surveillance Systems
- Design of Multimedia Surveillance Systems

General Chair

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Huaxin Xu, The 3rd Eye Pty Ltd, Sydney, Australia
Yanning Zhang, Northwestern Polytechnical University, China

Important Dates

Full paper submission: 14 May 2010
Notification of acceptance: 15 June 2010
Final paper submission: 30 June 2010
Workshop date: 29 August, 2010
Workshop format: Lecture only

Submission guidelines:

Full-length papers of 4 to 8 pages in length reporting on original research are solicited. Detailed submission instructions are available at: http://www.avss2010.org/papers.html

Paper Submission website:

https://cmt.research.microsoft.com/MMSS2010/Default.aspx

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