

**CALL FOR PAPERS**  
**2<sup>nd</sup> Workshop on Activity monitoring by multi-camera surveillance systems (AMMCSS)**

**7<sup>th</sup> IEEE International Conference on Video and Signal-Based Surveillance (AVSS 2010)**  
**August 29 2010 BOSTON (USA)**

<http://www.issia.cnr.it/Workshop2010>

In recent years, there has been a growing diffusion of multi-camera systems for monitoring and surveillance purposes. By analyzing information from more cameras it is possible to monitor activities in large, complex areas such as buildings, airports, road and rail networks, sport grounds. Multi camera systems can provide more confident deductions about the events of interest and reduce ambiguities in a single view caused by occlusion or other factors. Aim of the workshop is to bring together researchers from the computer vision community which address the problem of interpretation of visual information by multiview camera systems. The conjunction with AVSS is an opportunity to share some similar topics e.g. multi dimensional processing, target tracking, feature extraction, pattern recognition, data fusion, which are important for the human activity monitoring issues. Multi-camera domain will play a central role in future technology in different innovative contexts such as ambient intelligence, surveillance for security, sportive application, social intelligence and so on.

**The topics of interests include**

- **Human behaviour analysis**
- **Individual activity detection and recognition**
- **Multi agent activity detection and recognition**
- **Event detection**

**Paper Submission**

We invite original research papers describing significant results by using multi-camera viewing for monitoring and surveillance purposes. We encourage all authors to use manually labelled test sequences available at:

- [www.issia.cnr.it/soccerdataset.html](http://www.issia.cnr.it/soccerdataset.html) (a six-views manually labelled football match sequence).
- <http://www.cvg.rdg.ac.uk/PETS2009/> (multisensor sequences containing different crowd activities)
- <http://homepages.inf.ed.ac.uk/rbf/CAVIARDATA1/> (sequences acting out the different scenarios of interest)

Videos or demos along submitted papers in which they visually show applications are also welcomed. Submitted papers may not substantially overlap papers that have been published or that are simultaneously submitted to a journal or conference with proceedings. Full-length papers of 8 to 10 pages in length reporting on original research are solicited.

Email [ammcss@ba.issia.cnr.it](mailto:ammcss@ba.issia.cnr.it)

Website <http://www.issia.cnr.it/Workshop2010/>

**General Chairs**

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**Pier Luigi Mazzeo** ISSIA CNR Italy

**Annalisa Milella** ISSIA CNR Italy

**Important Dates**

Paper submission deadline: **May 14 2010**

Notification of acceptance: **June 15 2010**

Workshop date: **August 29 2010**