Image and Vision Computing Journal

Call for Papers for the Special Issue on
Computer Vision Methods for Ambient Intelligence

This special issue of IMAVIS calls for papers that fall within the remit of the Ambient Intelligence (AmI) paradigm. The issue wants to put forward the importance and role of computer vision within AmI and in particular the high level processes required to infer an understanding of the monitored scene: from the stationary background and its evolution to the complex dynamics of people engaging in articulated behaviour and interactions.

This issue welcomes but does not restricts paper submission in the following categories
- Object and event recognition and modelling in dynamic scenes
- Innovative mathematical models of dynamics
- Tracking of highly cluttered and complex scenes, with particular emphasis on crowded scenes
- Fusion of information from heterogeneous sensorcamera systems
- Performance evaluation
- Realistic demonstrators
- Robustness
- Posture/gesture analysis
- Pro-active monitoring using PTZ cameras

Submission Deadline: 1st March 2007

Camera Ready Copy Submission Deadline: 1st July 2007

Guest Editors:

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