

Call For Papers

Elsevier Real-Time Imaging Special Issue on

Video Object Processing for Surveillance Applications

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The processing, such as segmentation or recognition, of video objects is intimately related to video surveillance. The practical implementation of object-based video surveillance systems brings to the front issues related to accuracy of object processing, applicability to different scenarios, and quality versus cost.

Video object processing is a well researched and developed area. However, as market advancements focus on objects as the main item accurate and real-time techniques for video object processing in complex surveillance scenes remain a challenge.

This Call for Papers is directed at researchers addressing video object processing in the area of video surveillance with the objective of automatic, real time and accurate techniques in complex scenes. Examples of topic areas pertinent to this special issue are

- extraction of object features,
- detection of objects and features,
- segmentation of video objects,
- tracking video objects,
- analysis and interpretation of object motion,
- detection of events and activities,
- recognition of objects,
- detection and identification of face objects,
- video object based surveillance systems.

Important Dates:

Paper submission deadline: July 16, 2004

Notification of first review due: October 15, 2004

Revised manuscript due: December 03, 2004

Notification of final review due: December 21, 2004

Paper submission:

Prospective authors are encouraged to submit original and unpublished works through the online submission and editorial system of Real Time Imaging at <http://ees.elsevier.com/yrtim/>. Papers should be marked as 'Special Issue' in the Article Type section and in the covering letter please state that papers are for the 'Video Object Processing' Special Issue. Guidelines for formatting papers are found in the Guide for Authors at <http://www.authors.elsevier.com/journal/rti>.

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