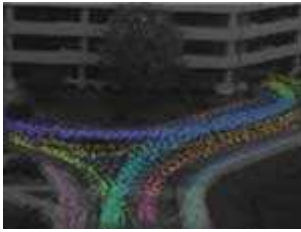


Applied Imagery Pattern Recognition 2008



Call for Papers

AIPR 2008: Multiple Image Information Extraction Cosmos Club, Washington DC, October 15-17, 2008

Computer vision research now encompasses techniques and algorithms for dealing with extraction of simple and complex information from multiple images - that is, extracting information from time-varying sequences of images or video, as well as multiple images that co-locate in space and/or time, for use in recognition, identification, and control. With the amazing advances in computer processing power it is now possible to apply single image algorithms to multiple images quickly, even in real time. Additionally, there are new techniques for working directly with sequences of images, tracking and identifying features, and understanding sequences of events. The Applied Imagery Pattern Recognition Workshop promotes and encourages the interdisciplinary interchange of ideas. The AIPR-2008 executive committee invites papers in the following topic areas:

- Extraction of Information from Video: for identifying time-varying elements (distinct features and objects) in consecutive images.
- Real-Time Event Understanding: identifying time-varying events from image sequences, as opposed to recognizing distinct features and objects.
- Co-locating Multiple Images: information extraction from images viewing the same location/object including multiple vantages and orientations.
- Imaging as a Biomarker: Robust statistical methods for quantitative methods, such as for drug/therapy response.
- Automatic Target Recognition (ATR): identifying and tracking features in an image, and extracting position and orientation information for various applications.
- Hand and Body Gesture Recognition: for human-computer interaction and device control.
- Sign Language Recognition: as a computer input and as a communication tool, including finger alphabets.
- Facial and Behavior Understanding: including facial emotional content.
- Time-Varying and/or Multiple Image Medical Imagery: applications and techniques used in the medical community.
- Time-Varying and/or Multiple Image Algorithms and Tools: required or enabled by the time-varying image sources.
- Computer techniques for historical film and television preservation and restoration.
- Panel Discussion concept: Government, Military, and Commercial needs in the area of Multiple Image Information Extraction.

Abstract are being accepted now!! Send abstracts (150 - 300 words) and inquiries to:

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Voice: 734-668-2567 x203
Fax: 734-668-8780
email: programchair@aipr-workshop.org
(Note: plain-text email is preferred for abstracts.)

Written papers will be required for accepted works and will be published in the AIPR Proceedings. The AIPR Home Page can be found at <http://www.aipr-workshop.org/>.

AIPR 2008 is sponsored by the IEEE Computer Society Technical Committee on Pattern Analysis and Machine Intelligence, by IEEE, by Cybernet, and by the AIPR Executive Committee: Dedicated to facilitating the interchange between government, industry, and academia.