



## MULTIMODAL DATA UNDERSTANDING AND VISUALIZATION FOR INDUSTRIAL APPLICATIONS

A special track of the *INTERNATIONAL SYMPOSIUM ON VISUAL COMPUTING 2006 (ISVC06)*

<http://www.isvc.net>

### Rationale

Recent developments in computer vision and sensor technologies open wide prospects in real-life applications that are based on understanding of visual and multimodal sensor information. In order to bring forward the state-of-science in these fields, this special session focuses on the core technologies and systems for practical registration, association, detection, classification, fusion, and display with data from visual, including visible and thermal IR, and other sensors empowered by the state-of-science data analysis algorithms.

### Topics

We invite researchers to present their unpublished work on the topics that include but are not limited to:

- Machine learning techniques for multimodal data,
- Modeling and representation of multimodal signals,
- Multimodal data fusion and compression,
- Applications concentrate on various aspects of:
  - Object detection, classification, and tracking in multimodal systems,
  - Event detection in multi-sensor environments such as surveillance and traffic,
  - Content retrieval, browsing and data display in multimodal interfaces.

### Submission/Proceedings

This is an open call-for-papers. Only original, high-quality papers, in-line with the ISVC'06 standard guidelines (<http://www.isvc.net/author.html>), will be considered for publication in this special track. Prospective authors should submit electronically their contributions through the website of ISVC'06. Accepted papers will appear in the symposium proceedings which will be published by Springer-Verlag in the Lecture Notes in Computer Science (LNCS) series.

### Important Dates

|                                    |                 |
|------------------------------------|-----------------|
| <b>Submission deadline:</b>        | June 19, 2006   |
| <b>Notification of acceptance:</b> | July 31, 2006   |
| <b>Camera-ready version:</b>       | August 14, 2006 |
| <b>Advance Registration:</b>       | August 14, 2006 |

### Chairs

**Dr. Fatih Porikli** – *MERL, USA*, [fatih@merl.com](mailto:fatih@merl.com)

**Dr. Andrea Cavallaro** – *Queen Mary College, UK*, [andrea.cavallaro@elec.qmul.ac.uk](mailto:andrea.cavallaro@elec.qmul.ac.uk)

### Organizing Committee

**Prof. Rama Chellappa**, *University of Maryland, USA*

**Dr. Yuri Ivanov**, *MERL, USA*

**Dr. Swarup Medasani**, *HRL, USA*

**Dr. Ron Miller**, *Ford Motor Company, USA*

**Dr. Chris Wren**, *MERL, USA*