



## Call for Papers for Special Session @ ICIAP 2005

### Computer Vision for Augmented Reality & Computer Augmented Environments



**Organizers/Chairs:** Prof. Vittorio Murino, Prof. Andrea Fusiello, University of Verona

#### Special Session theme

Augmented Reality (AR) is one of the most interdisciplinary topics that intersects Computer Vision. As far as vision is concerned, AR consists in overlaying a synthetic (computer generated) picture onto the image of the real world that a human perceives.

Computer Vision plays a great role in this technology, providing methods for registering the real and virtual worlds and for tracking the viewer. Real-time, high accuracy and unconstrained environments constitute a challenge for CV algorithms.

This special session is intended to provide an opportunity for researchers to exchange ideas, tools, and results in this area. Papers are solicited on all the aspects of Augmented Reality that intersects Computer Vision, including but not limited to the following topics:

- Calibration
- Registration
- Scene modeling
- User tracking
- Object tracking
- Uncalibrated techniques
- Smart projectors

#### Submissions

Submissions should be sent electronically with the same format provided for the main conference (PDF format preferred) by March 30, 2005 to one of the following:

Prof. Vittorio Murino, [vittorio.murino@univr.it](mailto:vittorio.murino@univr.it)  
Prof. Andrea Fusiello, [andrea.fusiello@univr.it](mailto:andrea.fusiello@univr.it)

The papers should not exceed 8 pages, and should be prepared according to LNCS format. A cover sheet with the authors names and affiliations is also requested, with the complete address of the corresponding author, and an abstract (200 words).

Submission implies the willingness of at least one author per paper to register, attend the workshop, and present the paper.

#### Conference Proceedings

Accepted papers will appear in the conference proceedings that will be published in the series "Lecture Notes in Computer Science" by Springer-Verlag.

#### Conference Location

The 13th International Conference on Image Analysis and Processing will take place on September 6-8, 2005. The conference location is at the Conference Centre "Centro della Cultura e dei Congressi", Cagliari, Italy. See the conference web site for additional information, <http://www.iciap2005.it/>.

#### Important dates

March 30, 2005: Paper Submission  
April 30, 2005: Notification of Acceptance  
May 30, 2005: Camera-ready Manuscript  
May 30, 2005: Registration