



## Energy Minimization Approaches in Image Processing and Computer Vision

### Scope

Many problems in image processing and computer vision can be formulated as a discrete or continuous optimization problem. Such formulations are used for instance for image restoration, reconstruction and segmentation. The primary goal of this workshop is to exchange both theoretical and experimental results in the area of energy minimization methods in image processing and computer vision with a focus on global optimization schemes.

### Topics

Topics of interest include all of energy minimization image processing or computer vision including , but not limited to, the following areas:

#### 1. Approaches

- Combinatorial Approaches
- Variational formulations, level sets and PDEs
- Stochastic methods
- Probabilistic models

#### 2. Applications

- Image restoration, reconstruction, registration and segmentation
- Motion analysis
- Graph matching
- Learning

### 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** Submission deadline: June 19, 2006

Notification of acceptance: July 31, 2006

Camera-ready version: August 14, 2006

Advance Registration: August 14, 2006

### Organizers

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