



## Discrete and Computational Geometry and their Applications in Visual Computing

A special track of the *INTERNATIONAL SYMPOSIUM ON VISUAL COMPUTING 2006*  
(ISVC06) <http://www.isvc.net>

### Rationale

The focus of this track is on the theoretical (mathematical) foundations of visual computing, but possible applications of the presented results should also be addressed. Specifically, we welcome works on discrete and computational geometry and their applications.

### Topics

The topics of interest include but are not limited to the following areas:

- Discrete Geometry Models for Computer Graphics
- Discrete and Combinatorial Image Analysis
- Combinatorial Topology and Geometry for Images
- Geometric Transforms
- Surfaces and Volumes
- Discrete Shape Representation
- Discrete Tomography
- Shape Recovery
- Image Generation and Reconstruction
- Computational Geometry for Image Analysis and Computer Graphics

### 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

### Organizing Committee

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