Discrete and Computational Geometry and their Applications in Visual Computing

A Special Track of the 4th International Symposium on

Visual Computing (ISVC08) www.isvc.net

Scope:

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

Paper Submission Procedure:

Papers submitted to ISVC 2008 Special Track must not have been previously published and must not be currently under consideration for publication elsewhere. Manuscripts should be submitted in camera-ready format and should not exceed **12 pages**, including figures and tables (see http://www.isvc.net for details).

All papers accepted will appear in the symposium proceedings which will be published by **Springer-Verlag** in the **Lecture Notes in Computer Science (LNCS)** series.

Important Dates:

Paper submissions   July 21, 2008
Notification of acceptance   September 1, 2008
Final camera ready paper   September 15, 2008
Advance Registration   September 15, 2008
ISVC08 Symposium   December 1-3, 2008

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