CALL FOR PAPERS

10th International Conference on
Discrete Geometry
for Computer Imagery

April 3–5, 2002
Bordeaux, France

http://www.labri.fr/dgci2002/
DGCI’2002 is the 10th in the series of international conferences on Discrete Geometry for Computer Imagery. The aim is to gather researchers in discrete geometry and topology, discrete models, with applications in image analysis and image synthesis.

Discrete geometry plays an expanding role in the fields of shape modelling, image synthesis, and image analysis. It deals with topological and geometric definitions of digitized objects or digitized images and provides both a theoretical and computational framework for computer imaging.

This edition of DGCI follows the successful 2000 edition held in Uppsala, Sweden. It is organized by the LaBRI (Laboratoire Bordelais de Recherche en Informatique, Université Bordeaux 1). It will take place in Bordeaux from April 3 to April 5, 2002.

The conference will offer invited talks, lectures on selected articles, presentations of selected posters, and demonstrations. The proceedings of the conference will be published by Springer Verlag, in the Lecture Notes in Computer Science series.

Conference topics

Theory and applications, especially within image analysis and computer graphics, on:

- Digital & Combinatorial Topology
- Models for Discrete Geometry
- Geometric Transforms
- Surfaces and Volumes
- Discrete Shape Representation
- Combinatorial Image Analysis
- Morphological Analysis
- Shape Recovery
- Image Generation and Reconstruction
- Visualization

Special Journal Issues

Extended versions of selected papers will be published in special issues of journals, in particular Pattern Recognition Letters.

Invited Speakers

Prof. Alfred M. Bruckstein
Computer Science Dept., Technion, IIT, Haifa
*Digital Geometry for Image-Based Metrology*

Prof. Gabor Herman
Dept. of Computer and Information Sciences, Temple University, Philadelphia
*An Abstract Theoretical Foundation of the Geometry of Digital Spaces*

Prof. Walter Kropatsch
Technische Universitaet, Vienna
*Abstraction Pyramids on Discrete Representations*

Steering Committee

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G. Bertrand ESIEE, Noisy-le-grand, France
G. Borgefors Centre for Image Analysis, Uppsala, Sweden
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P. Soille Joint Research Center, Ispra, Italy
G. Szekely ETH-Zurich, Switzerland

Organization Committee

LaBRI, Université Bordeaux 1, France

Submission of papers

Prospective contributors are invited to submit full papers in English reporting their original work. The submission procedure is as follows:

1. Online submission registration (http://www.labri.fr/dgci2002/authors-info.html). Authors should fill the online form to obtain an identification number (ID). This ID will be used for the hardcopy submission and for later correspondences.

2. Hardcopy submission. Four copies of each complete paper, including cover page (see below), should be sent to the address below and ARRIVE no later than September 14, 2001. We encourage authors to use the LNCS style even for the submitted paper.

All pages should show the ID obtained after online submission registration and be consecutively numbered. The final length of the accepted papers will be 10 pages both for oral and poster presentations.

The cover page must contain the following information:

- Submission ID
- Title of the paper
- Name(s) and complete address(es) of author(s)
- Brief abstract of the paper (100 words)
- Key words list (3–5 words)
- Conference topic(s) (up to 3, see list)
- Author’s opinion whether the paper is most suitable for oral or poster presentation
- Name and (e-mail and mail) address for correspondence

These information should match the information provided when filling the online submission registration form.

Address for submission:

DGCI 2002 Secrétariat
LaBRI, Université Bordeaux 1
351 Cours de la Libération
33405 TALENCE, FRANCE
### Important dates

<table>
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<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Deadline for paper submission</td>
<td>September 14, 2001</td>
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<tr>
<td>Notification of acceptance</td>
<td>November 12, 2001</td>
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<td>Deadline for camera-ready version</td>
<td>December 14, 2001</td>
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### Registration

The conference fee includes proceedings, conference dinner, lunches and coffee breaks. The last date for early registration will be February 6th 2002. On-site registration will be possible.

- Early registration (IAPR-member): EUR 170 FF 1115
- Early registration (non IAPR-member): EUR 215 FF 1410
- Late registration: EUR 260 FF 1705
- Early student registration: EUR 140 FF 918
- Late student registration: EUR 170 FF 1115

A complete registration form with all details for payment will be available on the web pages.

### Contact

- E-mail: dgci2002@labri.fr
- Fax: +33 5 56 84 66 69 (to DGCI 2002)