ISVD 2011

Qingdao, China

June 28-30, 2011

Call For Paper

The 8th ISVD International Symposium on Voronoi Diagrams in Science and Engineering is devoted to the research on the Voronoi diagram and its application to all fields. The conference provides a forum for scientists and practitioners working on Voronoi Diagrams and on their applications in science and engineering including, geo-spatial information sciences (GIS), visualization, urban planning, computer science, geology, robotics, bioinformatics, high-performance computing, bioinformatics, physics, chemistry and other applications.

We solicit original research contributions and industrial papers. The conference proceedings with ISBN will be published by Conference Publishing Services (CPS) and selected papers will be published in the Springer LNCS Transactions on Computational Science and Mathematics Journal of Chinese Universities (SCI). Papers that will not be presented at the conference will be excluded from publication in the conference proceedings and the special issue of Springer LNCS. All submitted papers will be reviewed by the Program Committee, and acceptance decisions will be based on their quality, originality and relevance. Related submission can be found at http://i.cs.hku.hk/~isvd2011/submission.html.

Abstract Submission Deadline: April 8th, 2011

Full Paper Submission Deadline: April 15th, 2011

Topics of Interest

Authors are invited to submit papers (up to 10 pages) describing original research works related to the following topics:

1. Theory and applications of Voronoi diagrams and Delaunay triangulation.

- Theoretical aspects of Voronoi diagrams and Delaunay triangulations

- Generalizations of Voronoi diagrams and Delaunay triangulations
- Computational algorithms and implementation aspects of Voronoi diagrams

And the applications of Voronoi diagrams in

- Visualization, animation and motion planning
- Pattern analysis and recognition

- Network analysis and communication
- Spatial and dynamic data modeling and simulation
- Image processing
- Bioinformatics
- Voronoi arts
- Other Applications

2. Other theoretical aspects and applications of geometric computing and design.

http://i.cs.hku.hk/~isvd2011
Enquiries: isvd2011@cs.hku.hk

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