SGP 2008 Symposium on Geometry Processing

CALL FOR PAPERS

The Symposium on Geometry Processing is the premier venue for disseminating new research ideas and cutting-edge results in computerized processing of geometric models. In this emerging area, concepts from applied mathematics, computer science, and engineering are used to design efficient algorithms for acquisition, reconstruction, manipulation, simulation and transmission of complex 3D models.

We now invite submissions related to, but not limited to, the following topics in geometry processing:
- geometry and topology representations
- compression of static or animated geometry
- surface and volume parameterization
- approximation and meshing
- reverse engineering
- robust geometric computing
- simplification and level of detail
- smoothing and denoising
- multiresolution shape analysis and synthesis
- geometric aspects of rendering and other fields
- interactive techniques
- animation and simulation

Applications of geometry processing algorithms cover a wide range of areas from multimedia, entertainment, and classical computer-aided design, to bio-medical computing, reverse engineering, architectural design, and scientific computing. We welcome papers related to applications of geometry processing such as the above.

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in collaboration with

EUROGRAPHICS and ACM SIGGRAPH

in

Copenhagen, Denmark, July 2-4, 2008

- Electronic abstract submission deadline: April 20, 2008
- Electronic paper submission deadline: April 27, 2008 PMT
- Author notification: May 26, 2008
- Camera ready copy deadline: June 1st, 2008
- Symposium: July 2-4, 2008

Further information at
http://www.geometryprocessing.org/

Image of historical Copenhagen from the computer game Hans Christian Andersen
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SUBMISSION PROCEDURE
Details of the all-electronic submission procedure are available on the official SGP website: http://www.geometryprocessing.org

Authors are requested to submit an abstract of their paper (in plain text format) by April 20, 2008. The abstract submission should contain the names and institutions of all the authors, contact information of one contact author (name, e-mail, postal address, phone and fax numbers), and the working title and abstract of the submission.

Submitted manuscripts should be prepared for double-blind review, and should be original work, not concurrently submitted to any other venue. The length of a submitted paper should typically not exceed 10 pages, formatted in the proper publication style (LaTeX files available online). A submission can also be accompanied by electronic supplementary material (e.g. video).

Submitted papers will be reviewed by members of the Program Committee and selected external reviewers.

PROCEEDINGS
This year, the SGP proceedings will appear for the first time as an issue of the Computer Graphics Forum, the International Journal of the EUROGRAPHICS Association. The journal status of the proceedings requires a two-stage review process with conditional acceptance after the first round and final acceptance based on the revised submissions.