

Symposium on Geometry Processing

1–5 July 2017

London, UK

<http://geometryprocessing.org>
<https://twitter.com/GeometryProcess>

About SGP

The Eurographics Symposium on Geometry Processing (SGP) is the premier venue for disseminating new research ideas and cutting-edge results in geometry processing. In this research area, concepts from mathematics, computer science, and engineering are studied and applied to offer new insights and design efficient algorithms for acquisition, modeling, analysis, manipulation, simulation and other types of processing of 3D models and shape collections.

Topics

- Analysis and processing of geometric data
- Acquisition and reconstruction
- Discrete differential geometry
- Exploration and learning of shape collections
- Fabrication and analysis
- Geometry and topology representations
- Meshing and remeshing
- Processing of massive geometric datasets
- Shape optimization and synthesis
- Simulation and animation
- Surface/volume parameterization/deformation

Timeline

Abstract submissions: April 5, 2017
Full paper submissions: April 10, 2017
Notification of acceptance: May 21, 2017
Revised version due: June 11, 2017
Camera ready copy due: June 23, 2017

(All deadlines are at 23:59 UTC/GMT)

Paper submission via the Submission and Review Management (SRM v2) system: <https://srmv2.eg.org>

Proceedings

The SGP proceedings will appear as a regular electronic issue of 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.

Graduate School

To continue a successful tradition created in the past years, SGP will offer a graduate school on 1-2 July specifically targeted towards graduate students. Courses will be taught by leading experts in the field of geometry processing.

Awards and Recognition

We will attribute three best paper awards, a software award recognising the authors of an open-source software that has greatly influenced the field, and a data set award designed to acknowledge the suppliers of high quality datasets used in geometry processing.

Invited Speakers

Daniel Cohen-Or
Tel Aviv University

Gabriel Peyre
Ecole Normale Supérieure, Paris (CNRS)

Ryan Schmidt
gradientspace, Toronto, Canada

Christian Theobald
MPI Informatik, Saarbrücken, Germany

Organization

Program Chairs

Jakob Andreas Baerentzen (*Technical U of Denmark*)
Klaus Hildebrandt (*Delft U of Technology*)

Organizers

Niloy J. Mitra (*University College London*)
Tobias Ritschel (*University College London*)

Graduate School

David Bommes (*RWTH Aachen*)
Justin Solomon (*MIT*)

