Symposium on Geometry Processing

SGP 2015

Graz, July 6–8

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 transmission of complex 3D models.

IMPORTANT DATES

Paper abstract submission due:	April 9, 2015
Full paper submission due:	April 14, 2015
Acceptance decision:	May 25, 2015
Camera ready papers:	June 12, 2015
Tutorial (graduate school):	July 4–5, 2015
Conference dates:	July 6–8, 2015

PROGRAM CHAIRS

Mirela Ben-Chen (Technion)
Ligang Liu (Univ. of Science and Technology of China)

INVITED SPEAKERS

Robert J. Lang, Origami
Mark Pauly, EPFL
Amit Singer, Princeton University

GRADUATE SCHOOL

SGP will offer a graduate school on July 4–5 specifically targeted towards graduate students. Courses will be taught by leading experts in the field and complemented by hands-on practical exercises to provide an in-depth knowledge of some of the most important aspects of geometry processing.

TOPICS

- Acquisition and reconstruction
- Analysis and fabrication for 3D printing
- Digital geometry processing
- Differential geometry
- Shape analysis and synthesis
- Surface and volume parameterization
- Geometry and topology representations
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ORGANIZERS

Ursula Augsdörfer, Johannes Wallner (TU Graz)

POSTER SESSION — SOFTWARE AWARD

For details see http://www.geometryprocessing.org

Eurographics
EUROPEAN ASSOCIATION FOR COMPUTER GRAPHICS

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