

GCD4

SYMPOSIUM ON GEOMETRY AND COMPUTATIONAL DESIGN

NOV 17 | 2017 | 9:30 | KUPPELSAAL | TU WIEN

The members of the Center for Geometry and Computational Design cordially invite interested faculty, students, company representatives and the public to our fourth Symposium on Geometry and Computational Design on Nov 17th 2017 at TU Wien.

We will have a series of lectures by leading researchers who present recent developments in geometry, computer graphics, computational design, civil and architectural engineering. Selected and ongoing research projects within the center will be presented through short talks, posters and an exhibition.

To facilitate the organization of the symposium, which will be free of charge for all attendees, we gratefully accept registration until Nov. 10th via email at gcd-meeting@geometrie.tuwien.ac.at.

Please forward this announcement to people who might be interested in this event.

9³⁰ OPENING

HELMUT POTTMANN, Director of the Center for Geometry and Computational Design, HANNES WERTHNER, Dean of the Faculty of Informatics

9⁴⁵ WERNER SOBEK, University of Stuttgart, Werner Sobek Group ad ultra

Coffee break

11⁰⁰ OLGA SORKINE-HORNUNG, ETH Zurich

Interactive 3D Modeling and Digital Fabrication using Computation-Friendly Variational Methods

11⁴⁵ CHRIS WOJTAN, IST Austria

Surface-Only Methods for Simulating Flow and Fracture

Lunch break

14³⁰ JUSTIN SOLOMON, MIT

Beneath the Surface: Geometry Processing at the Intrinsic/Extrinsic Interface

15¹⁵ FABIO GRAMAZIO, ETH Zurich, Gramazio Kohler Architects Digital Materiality in Architecture

Coffee break

16³⁰ TOBIAS NOLTE, Certain Measures

Computer Vision and Design

17¹⁵ MARTIN KILIAN and DAVIDE PELLIS, TU Wien

Material-Minimizing Forms and Structures

17⁴⁵ CHRISTIAN MÜLLER, TU Wien

Regular Meshes from Polygonal Patterns