
GCD 3
SYMPOSIUM ON GEOMETRY AND COMPUTATIONAL DESIGN
NOV 18 | 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 third Symposium on Geometry and Computational Design on Nov 18th 2016 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. In addition to that we will offer a hands-on virtual reality demonstration showing the exploration of virtual spaces by using a VR backpack.

9 30 OPENING
HELMUT POTTMANN, Director of the Center for Geometry and Computational Design, RUDOLF SCHEUVENS, Dean of the Faculty of Architecture and Planning, JOSEF EBERHARDSTEINER, Vice Rector for Infrastructure

9 45 JULIE DORSEY, Yale University
The Future of Drawing in the Digital Age

10 30 JOSEF FÜSSL, TU Wien
Computational Mechanical Modelling of Wood and Wood-Based Products

Coffee break

11 30 KEENAN CRANE, Carnegie Mellon University
Differential Geometry and Developability

12 15 HANNES KAUFMANN, TU Wien
Walking Through Large Virtual Environments

Lunch break and Virtual Realty Demonstration

14 30 ACHIM MENGES, University of Stuttgart
Integrative Computational Design and Materialisation

15 15 ARTO KIVINIEMI, University of Liverpool
Interdisciplinary Collaboration Using Open BIM

Coffee break

16 30 YVES WEINAND, EPF Lausanne
Advanced Timber Structures: Architectural Design and Digital Dimensioning

17 15 ALFONSO OLIVA, Leslie E. Robertson Associates
Computing in the Arts, a Computational Approach to Sculpture Design

17 45 PRZEMYSLAW MUSIALSKI, TU Wien
Shape Optimization for Digital Fabrication

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