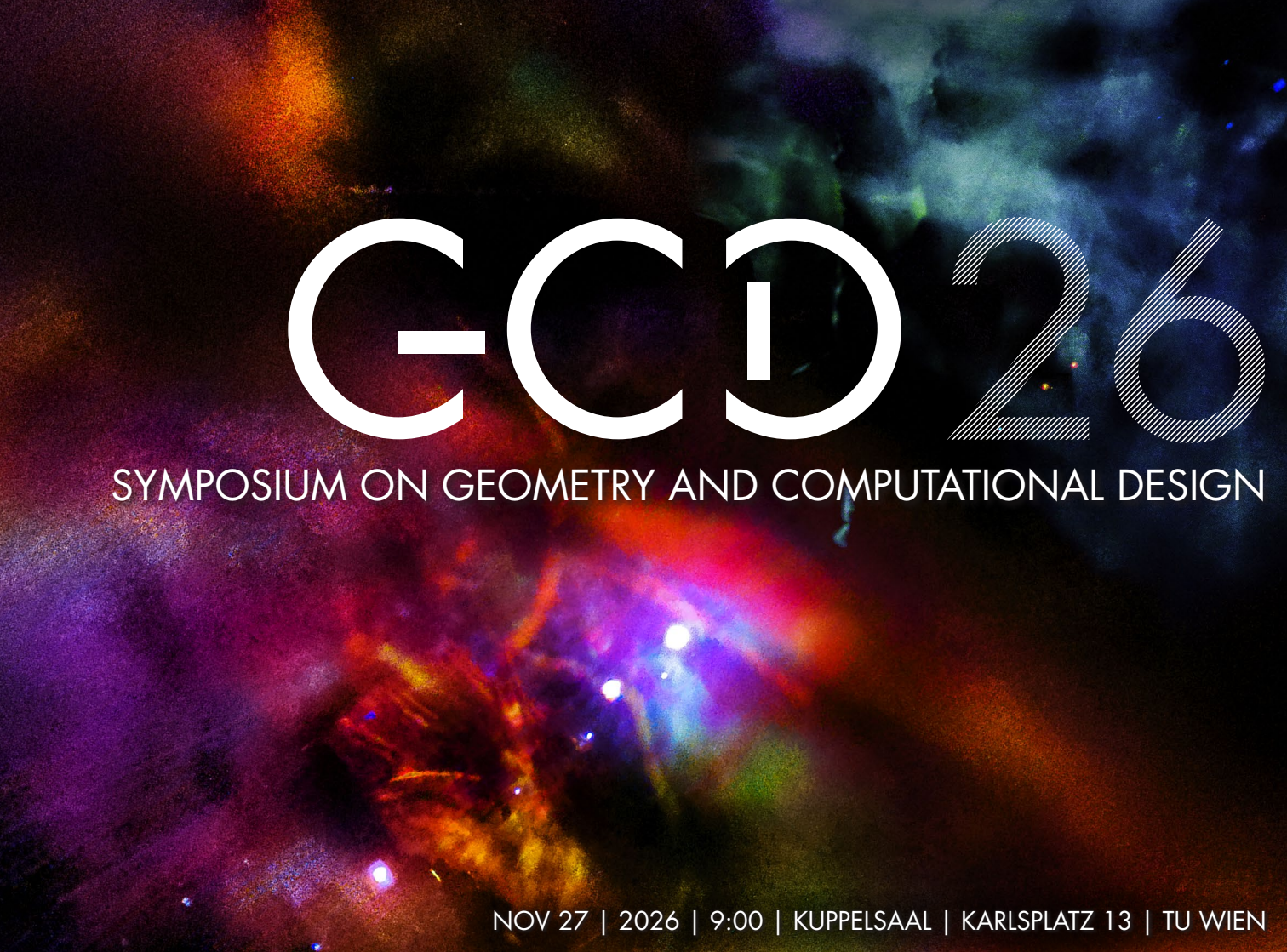




GCD 26

SYMPOSIUM ON GEOMETRY AND COMPUTATIONAL DESIGN

NOV 27 | 2026 | 9:00 | KUPPELSAAL | KARLSPLATZ 13 | TU WIEN

The members of the Center for Geometry and Computational Design cordially invite faculty, students, company representatives and the public to the 11th Symposium on Geometry and Computational Design at TU Wien on November 27th, 2026.

Leading researchers will give lectures on recent developments in geometry, computer graphics, computational design, and civil and architectural engineering. In addition, ongoing research projects within the center and the FWF Special Research Programme Advanced Computational Design will be presented in posters and in an exhibition.

The symposium will be free of charge for all attendees. Please register on <https://gcd.tuwien.ac.at/gcd26> by November 24th.

We would like to thank our partners, University of Innsbruck, TU Graz, FWF and the AdvanceAEC Network.

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

8⁴⁵ REGISTRATION

9¹⁵ OPENING

PETER ERTL, Vice Rector for Research, TU Wien

MICHAEL WIMMER, Director of the Center for Geometry and Computational Design, Coordinator of the Special Research Programme Advanced Computational Design

9³⁰ TOMOHIRO TACHI, University of Tokyo, Japan Kinematics of Origami Metamaterials

10¹⁵ // Coffee break + SFB ACD exhibition

10⁴⁵ HANAA DAHY, Aalborg University, Denmark

Fibers That Form: Geometry, Computation and the New Tectonics of Bio-Based Architecture

11³⁰ CHRISTOPH GENGNAGEL, Berlin University of the Arts, Germany Rethinking Computation in Spatial Design – Increasing Human Impact

12¹⁵ // Lunch break + SFB ACD exhibition

14⁰⁰ ARTHUR THIRION, GCD, TU Wien, Austria

Is the material of the future a 400-million-year-old invention? From the properties we want to the wood we need.

MARCO PALMA, GCD, TU Wien, Austria

Advancing Viscous Thread Printing in Architecture

KRISTIJAN RISTOSKI, JULIAN JAUKE, ShapeLab, Graz University of Technology, Austria

Cool Wall – 3D-Printed Ceramic Cubes for Energy-Efficient Evaporative Cooling

14⁴⁵ MELINA SKOURAS, University Grenoble Alpes, France

From Microscale Geometric Structure to Programmable Macroscale Behavior: Designing with Metamaterials

15³⁰ // Coffee break + SFB ACD exhibition

16⁰⁰ BERNHARD KERBL, University of Copenhagen, Denmark

Resource-Efficient Visual Computing: Frontiers and Applications of Real-Time Visual AI

16⁴⁵ MATTHIAS ZEIML, wh-p Ingenieure, Germany

The Elbtower – Modeling and Design of Hamburg's New Landmark

17³⁰ // SFB ACD exhibition, open until 18⁰⁰

