



# GCD 25

SYMPOSIUM ON GEOMETRY AND COMPUTATIONAL DESIGN

NOV 28 | 2025 | 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 10<sup>th</sup> Symposium on Geometry and Computational Design at TU Wien on November 28<sup>th</sup>, 2025.

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://acd.tuwien.ac.at/form/gcd25-registration> by November 25<sup>th</sup>.

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.

8<sup>45</sup> REGISTRATION

9<sup>15</sup> OPENING

JENS SCHNEIDER, Rector, TU Wien

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

9<sup>30</sup> ANGELA DAI, TUM, Germany

3D in a Large-Data World

10<sup>15</sup> // Coffee break + SFB ACD exhibition

10<sup>45</sup> STEFAN PILLWEIN, beyond bending OG, Austria

Beyond the Lab: FLEXGrid — Deployable Freeform Gridshells

11<sup>30</sup> RUPERT MALECZEK, University of Innsbruck, Austria

Fabrication-driven Scaling Strategies for Curved Folds

12<sup>15</sup> // Lunch break + SFB ACD exhibition

14<sup>00</sup> FABIAN SCHEURER, Design-to-Production GmbH, Switzerland

Multi-scalar Parametric Modeling

14<sup>45</sup> FLORIAN RIST, KAUST, Saudi-Arabia

Folding, Bending, Stretching — Approximating Freeform Surfaces

15<sup>30</sup> // Coffee break + SFB ACD exhibition

16<sup>00</sup> CLAUDIA PASQUERO, University of Innsbruck, Austria

Deep-Green: Bio-Design in the Age of Artificial Intelligence

16<sup>45</sup> STEFAN HOLST, Transsolar Energietechnik GmbH, Germany

KlimaEngineering — Applying Advanced Simulation Tools in Climate Responsive Building Design

17<sup>30</sup> // SFB ACD exhibition, open until 18<sup>00</sup>



Background: Michaela Nömayr, Plotter Art, 2024 (Foto: Florian Rist)