Opening

of the

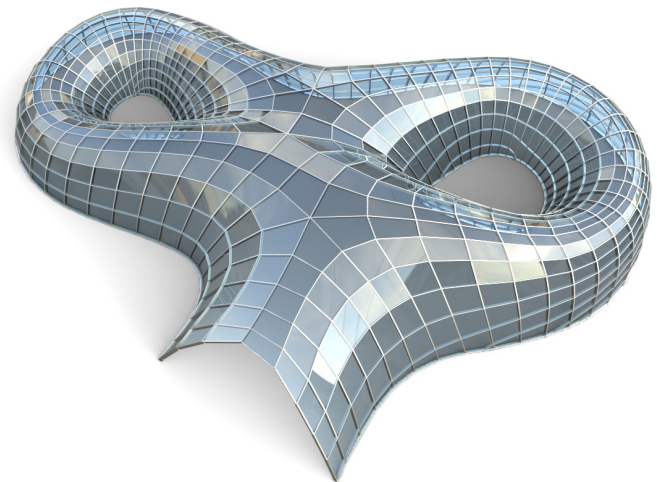# Center for **G**eometry and **C**omputational **D**esign

Our *Center for Geometry and Computational Design* (GCD, gcd.tuwien.ac.at) at Vienna University of Technology opens on 14 Nov, 2014 with a series of lectures. Leading researchers and company representatives in geometry, computer graphics, architectural informatics and design will present recent developments in geometry and computational design.

We cordially invite interested students, faculty, company representatives and the interested public.

To facilitate the organization, we would be grateful for registration by 10 Nov, 2014 via email to <opening-gcd@geometrie.tuwien.ac.at>.

H. Pottmann	P. Ferschin
U. Hertrich-Jeromin	Ch. Kern
G. Suter	M. Wimmer

Date **November 14, 2014, 9:30 AM**

Location **Kuppelsaal**
Vienna University of Technology
Karlsplatz 13, fourth floor
A-1040 Vienna

Registration opening-gcd@geometrie.tuwien.ac.at

Program

9:30 – 10:00 Opening

10:00 – 10:40 **J. Sischka** *Waagner Biro*
Geometry as a Link to Realized Steel and Glass Building Envelopes

coffee break

11:00 – 11:40 **Y. Lipman** *Weizmann Institute*
Bounded Distortion Mappings in Geometry Processing and Modeling

11:40 – 12:20 **A.I. Bobenko** *TU Berlin*
Discrete Conformal Parametrization of Surfaces and Uniformization

12:20 – 14:20 *lunch break*

14:20 – 15:00 **A. Butscher** *Autodesk*
Goal-Driven Design with Autodesk's Project Dreamcatcher

15:00 – 15:40 **N. Mitra** *UCL*
Computational Design of Functional Objects

coffee break

16:15 – 16:55 **L. Hesselgren** *PLP Architecture, London*
The Latency of Technology: What Defines Architectural Form

16:55 – 17:35 **P. Wonka** *KAUST*
Computational Design of Urban Layouts

17:35 – 18:15 **J. Wallner** *TU Graz*
Geometry and Statics of Discrete Surfaces