GCD 6

NOV 29 | KUPPELSAAL | TU WIEN

6th SYMPOSIUM

GEOMETRY

AND

COMPUTATIONAL DESIGN

9:30 **OPENING**
MICHAEL WIMMER, Director of the Center for Geometry and Computational Design,
MICHAEL DRMOTA, Dean of the Faculty of Mathematics and Geoinformation

9:45 **MIRELA BEN-CHEN, Israel Institute of Technology, Israel**
Chebyshev Nets on Discrete Surfaces

Coffee break

11:00 **JAN KNIPPERS, University of Stuttgart, Germany**
Integrative Computational Design and Construction for Architecture

11:45 **KRISTINA SCHINEGGER, University of Innsbruck, Austria**
Vague Geometries

Lunch break

14:15 **PETER SCHRÖDER, California Institute of Technology, USA**
Shape from Metric

15:00 **KATHRIN DÖRFLER, Technical University of Munich, Germany**
Strategies for Robotic On-site Construction

Coffee break

16:30 **VITEZSLAV STEMBERA, TU Wien, Austria**
How to Predict the Plastic Collapse of Structures Efficiently?

16:45 **GORAN SIBENIK, TU Wien, Austria**
Data Exchange between Architectural Design and Structural Analysis Models

17:00 **ARVIN RASOULZADEH, TU Wien, Austria**
Variational Path Optimization of Linear Pentapods

17:15 **MICHAEL HENSEL, TU Wien, Austria**
Embedded Architectures - En route to Data-driven Modelling for Architecture
and Environment Integration

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