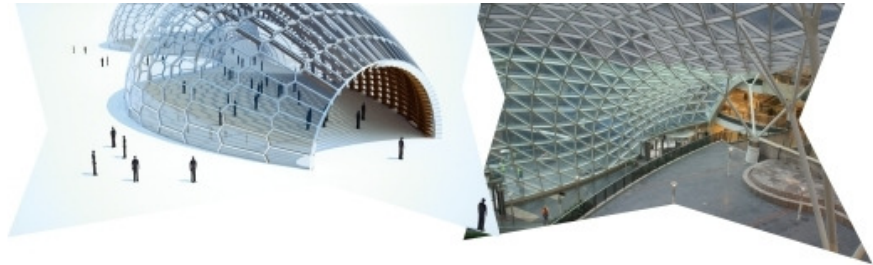


# Advances in Architectural Geometry

Vienna, Austria  
September 13-16, 2008



## Call for papers

Geometry lies at the core of the architectural design process. It is omnipresent, from the initial form-finding stages to the final construction. Modern geometric computing provides a variety of tools for the efficient design, analysis, and manufacturing of complex shapes.

On the one hand this opens up new horizons for architecture. On the other hand, the architectural context also poses new problems to geometry. Around these problems the research area of architectural geometry is emerging. It is situated at the border of applied geometry and architecture.

This symposium will bring together researchers from the fields of architecture and geometry to discuss recent advances in research and practice and to identify and address the most challenging problems in the field. We aim at connecting researchers from architectural practices and academia. The event consists of two parts. First a hands-on workshop, which is followed by a conference organized around presentations and posters.

## Venue

- # September 13-14, 2008: Workshop (at TU Wien)
- # September 15-16, 2008: Conference (at Austrian Academy of Sciences)

We strongly recommend to arrange hotel reservations as soon as possible since Vienna is a major tourist destination and regularly booked out way in advance.

## Invited speakers

- \* Konrad Polthier (FU Berlin)
- \* Carlo Séquin (UC Berkeley), to be confirmed
- \* Dennis R. Sheldon (Gehry Technologies, LA)
- \* Charles Walker (Zaha Hadid, London), to be confirmed
- \* Arnold Walz (designtoproduction, Zürich)

## Conference Website

<http://www.architecturalgeometry.at/aag08/>

**waagner biro**  
stahlbau

**RFR**

**FWF**

Der Wissenschaftsfonds.



## Submission & Deadlines

**Workshop.** Researchers are invited to electronically submit proposals for full length workshops or short tutorial sessions in the area of Advanced Architectural Geometry to be held September 13-14 2008. We encourage researchers who submit papers to share their findings also in hands-on learning oriented sessions. The description must include a schedule and follow the detailed guidelines available online.

**Conference.** Researchers are invited to electronically submit extended abstracts (maximum 4 pages) for "contributed lectures" and "posters" that shall be presented at the conference (September 15-16, 2008). Accepted contributions will be published as extended abstracts. Authors of best contributions will be invited to write a full paper for a special issue of a relevant journal.

**May 31, 2008:      electronic submission**  
**July 1, 2008:      author notification**



## Scientific Committee

The scientific committee will review the proposals and extended abstracts. Based on the recommendations the workshop and conference program will be arranged.

- \* Pierre Alliez (INRIA Sophia-Antipolis)
- \* Alexander Bobenko (TU Berlin)
- \* Sigrid Brell-Cokcan (II architects, Istanbul)
- \* Cristiano Ceccato (Gehry Technologies, LA), to be confirmed
- \* Fabio Gramazio (ETH Zürich)
- \* Matthias Kohler (ETH Zürich)
- \* Niloy Mitra (Indian Institute of Technology, New Delhi)
- \* Mark Pauly (ETH Zürich)
- \* Jacques Raynaud (RFR, Paris)
- \* Fabian Scheurer (designtoproduction, Zürich)
- \* Christoph Schindler (designtoproduction, Zürich)
- \* Hans Schober (Schlaich Bergermann und Partner, Stuttgart)
- \* Peter Schröder (Caltech)
- \* Alla Sheffer (University of British Columbia)
- \* Tristan Simmonds (ARUP, London)
- \* Kruno Thaleck (B&T Bau & Technologie GmbH, Germany)
- \* Johannes Wallner (TU Graz)
- \* Wenping Wang (The University of Hongkong)
- \* René Ziegler (Waagner-Biro Stahlbau AG, Wien)

## Conference Co-Chairs

- \* Helmut Pottmann (TU Wien)
- \* Michael Hofer (TU Wien)
- \* Axel Kilian (TU Delft)