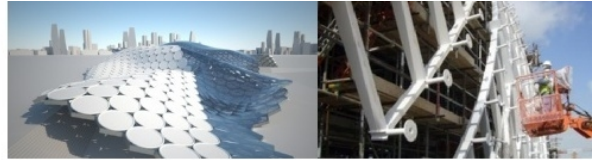


## Advances in Architectural Geometry

Vienna, Austria  
September 18-21, 2010



### Advances in Architectural Geometry 2010 in Vienna — Call for Papers

Geometry lies at the core of the architectural design process. It is ever present, from the very first attempts of form-finding to the final stages of construction. The modern tools of geometric computing for efficient design, analysis, and manufacturing of complex shapes open up new perspectives for architecture. Architecture, in turn, poses new problems to geometry. It is precisely around these topics, at the common border of geometry processing and architectural design, where the new research area of architectural geometry is emerging.

The AAG 2010 symposium will bring together researchers from all related areas, from both academia and practice, to discuss recent advances in the field, and to identify and address the most challenging problems. The event consists of two parts. Days 1 and 2 are dedicated to hands-on workshops, days 3 and 4 are reserved for a conference organized around presentations and posters.

**Date and Time:** University of Technology, Vienna, September 18–21, 2010.

#### Invited Speakers:

*Patrik Schumacher* (Zaha Hadid Architects)  
*René Ziegler* (Waagner Biro Stahlbau, Vienna)  
*Gershon Elber* (Technion, Haifa)  
*David Rutten* (Robert McNeel & Associates)

**Paper submission:** Researchers are invited to electronically submit papers, which undergo reviewing by the scientific committee. Accepted papers appear in the Proceedings volume, published by Springer Verlag. They are either selected to be a *contributed lecture*, or to be a *poster*, to be presented on September 20–21, 2010. The online submission system opens early in 2010.

**Workshops:** Researchers are invited to electronically submit proposals for full length workshops or short tutorial sessions in the area of Architectural Geometry, to be held September 18–19, 2010. We especially encourage our paper submitters to also communicate their findings in hands-on learning oriented sessions.

**Deadlines:** *Electronic abstract submission:* May 22, 2010; *Electronic Paper submission:* May 28, 2010; *Author notification:* July 2, 2010; *Final paper due:* July 16, 2010. *Poster submission:* June 11, 2010.

#### Scientific Chairs:

*Cristiano Ceccato* (Zaha Hadid Architects)  
*Lars Hesselgren* (PLP Architecture)  
*Mark Pauly* (EPFL, Lausanne)

#### Scientific Committee:

<i>Robert Aish</i>	<i>Pierre Alliez</i>	<i>Niccolò Baldassini</i>	<i>Alexander Bobenko</i>
<i>Tobias Bonwetsch</i>	<i>Mario Botsch</i>	<i>Sigrid Brell-Cokcan</i>	<i>Barbara Cutler</i>
<i>Florian Gauss</i>	<i>Christoph Gengnagl</i>	<i>Michael Hofer</i>	<i>Martin Kilian</i>
<i>Branko Kolarevic</i>	<i>Toni Kotnik</i>	<i>Achim Menges</i>	<i>Niloy Mitra</i>
<i>Ingrid Paoletti</i>	<i>Helmut Pottmann</i>	<i>Jacques Raynaud</i>	<i>Jenny Sabin</i>
<i>Marc Aurel Schnabel</i>	<i>Fabian Scheurer</i>	<i>Peter Schröder</i>	<i>Shrikant Sharma</i>
<i>Alla Sheffer</i>	<i>Johannes Wallner</i>	<i>Wenping Wang</i>	<i>Andrew Witt</i>

**Workshops Chair:** *Axel Kilian* (School of Architecture Princeton University)

**Local Organizers:** *Helmut Pottmann, Johannes Wallner, Alexander Schiffner.*

**Contact:** aag10@geometrie.tuwien.ac.at — <http://www.architecturalgeometry.at/aag10/>