IoA

Architecture Challenge F12 Team

Andrei Gheorghe

Andrei is currently teaching at the Institute of Architecture at the University of Applied Arts – Die Angewandte in Vienna. He studied at the Academy of Fine Arts Vienna and as a Fulbright Student at GSD Harvard University, where he graduated from the MArch II program with distinction. His research focus lies in Digital Design and Fabrication for which he was awarded the Harvard Digital Design Award in 2009. He worked as an architect for internationally renowned offices such as Jakob + MacFarlane, dEcoi Paris and Foreign Office Architects (FOA) London.

Bence Pap

Bence studied architecture at the TU Vienna, the Academy of Fine Arts Vienna and the University of Applied Arts in Vienna receiving his professional degree 2007 from the University of Applied Arts in Vienna / Studio Greg Lynn with distinction. He was employed with Zaha Hadid Architects in London having gained experience on a number of high profile projects, ranging from urban scale to cultural institutions. He is currently teaching at the Institute of Architecture at the University of Applied Arts in Vienna Studio Greg Lynn.

Irina Bogdan

Irina is Master Graduate from Dessau Institute of Applied Sciences (Bauhaus – Anhalt, Germany). Parametrical design maverick, she curated several events of the field and got involved in research projects, workshops and conferences on advanced architecture and digital fabrication.
She Collaborated with Dt.Arch.Lab Research Group, die Angewandte and Hyperbody Research Group – TU Delft. She is the co-founder of T_A_I group (Technology_Architecture_Innovation). She currently lives and works in Bucharest. Her further interests revolve around the interstices between perception and tehnology interaction.

Galo Moncàyo

Galo has exhibited throughout the United States including NY, and in Austria, Spain, Germany, Mexico, France and Ecuador. Currently, Galo lives and works in Vienna after graduating from Zaha Hadid Master Class. Previously he was Area Head of Sculpture at Indiana University, where he ran the graduate and undergraduate sculpture programs. He has been invited as a visiting artist/lecturer at Carnegie Mellon University and other universities in North America and in Germany. Galo received a Master of Fine Arts from Virginia Commonwealth University and a Bachelor of Fine Arts in sculpture from the Maryland Institute, College of Art in the United States.

Philipp Reinsberg

Philipp lives and works in Vienna. He is a student of the masterclass Hani Rashid and holds a degree in carpentry. The focus of his work and studies lies on interactive systems and digital design. He has been working for Bollinger-Grohmann-Schneider ZTGmbH / Vienna, Ozel Office / Los Angeles and Coop Himmelb(l)au / Vienna.

Federica Altobelli **Jiri Vitek** **Alexandra Timpau** **Marcin Kitala** **Adham Sannaa** **Bernhard Schwaighofer**

The **"ARCHITECTURE CHALLENGE"** - program is an international design workshop series intended for architecture students interested in exploring integrated digital design and fabrication while simultaneously designing a full-scale built project within the teaching environment of the Institute of Architecture at the University of Applied Arts in Vienna.

Integrated Digital Design and Fabrication

Architectural Design at the Angewandte is taught as an integrated, multidisciplinary process. Following this tradition, the design process will be enriched with interactive strategies combining Grasshopper plugins such as the Arduino platform for this fall. Specialists from the Institute of Architecture and invited guest experts will co-tutor the workshop. The handling of virtual simulation methods and the engineering of movable, foldable, collapsible structures will be a primary focus of the workshop. This week long intense workshop will result not only in moving and responsive built structures and environments, but will also inform and prepare interested students for the MArch entrance exam (24th-28th September 2012) and the architecture study program at the Angewandte.

Format & Ambitions Architecture Challenge Fall12

The Architecture Challenge Program is organized as a 6 day, intense event. The ambitions for this fall will be to design kinematic and responsive parametric installations by combining structures developed in Grasshopper in connection with Arduino in order to create interactive objects or environments.. Introduction to Rhino / Grasshopper / Arduino will be followed by a project design development in groups and daily reviews of the group projects which will enter into a competition mode. Selected projects will be fabricated and assembled as a group effort. The workshop will close with a final presentation with guests followed by an exhibition.

Ideal participants are architecture students with a bias in Digital Design & Fabrication. Materials, working space and necessary fabrication equipment will be made available. You will need to bring your own laptop with Rhino and Grasshopper installed. Basic use of Rhino is necessary knowledge of Grasshopper is advantageous, but not needed.

Time & Location:
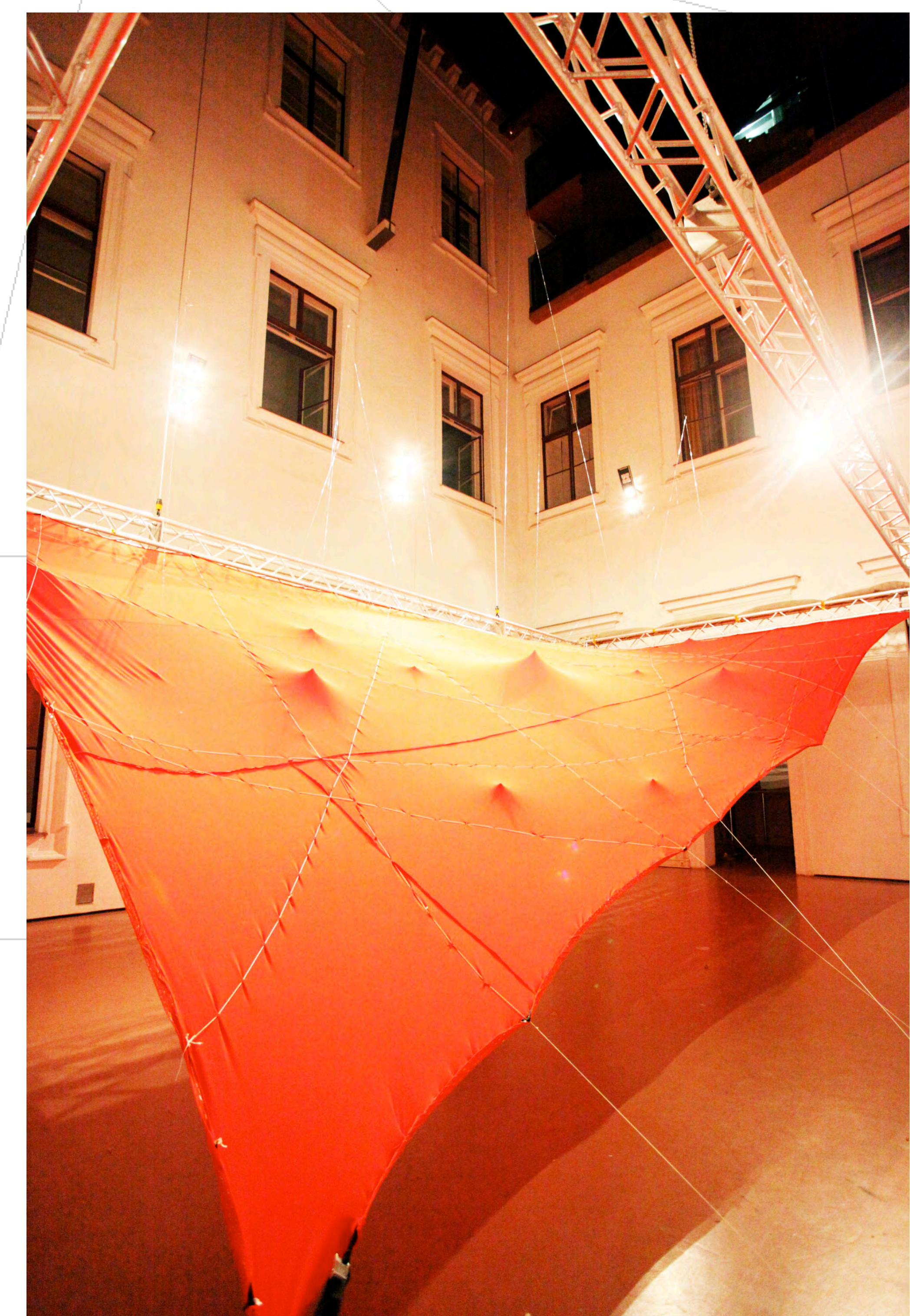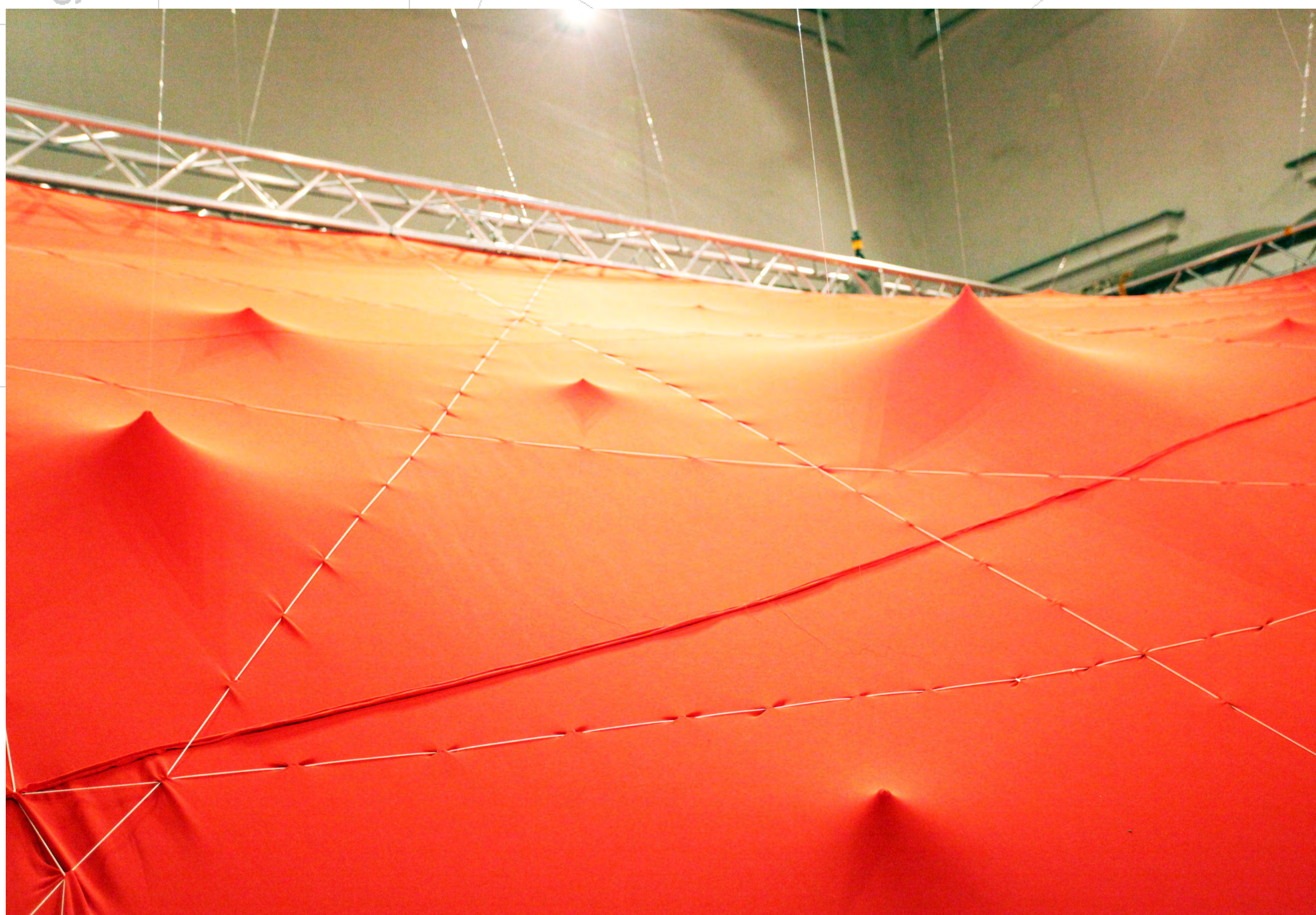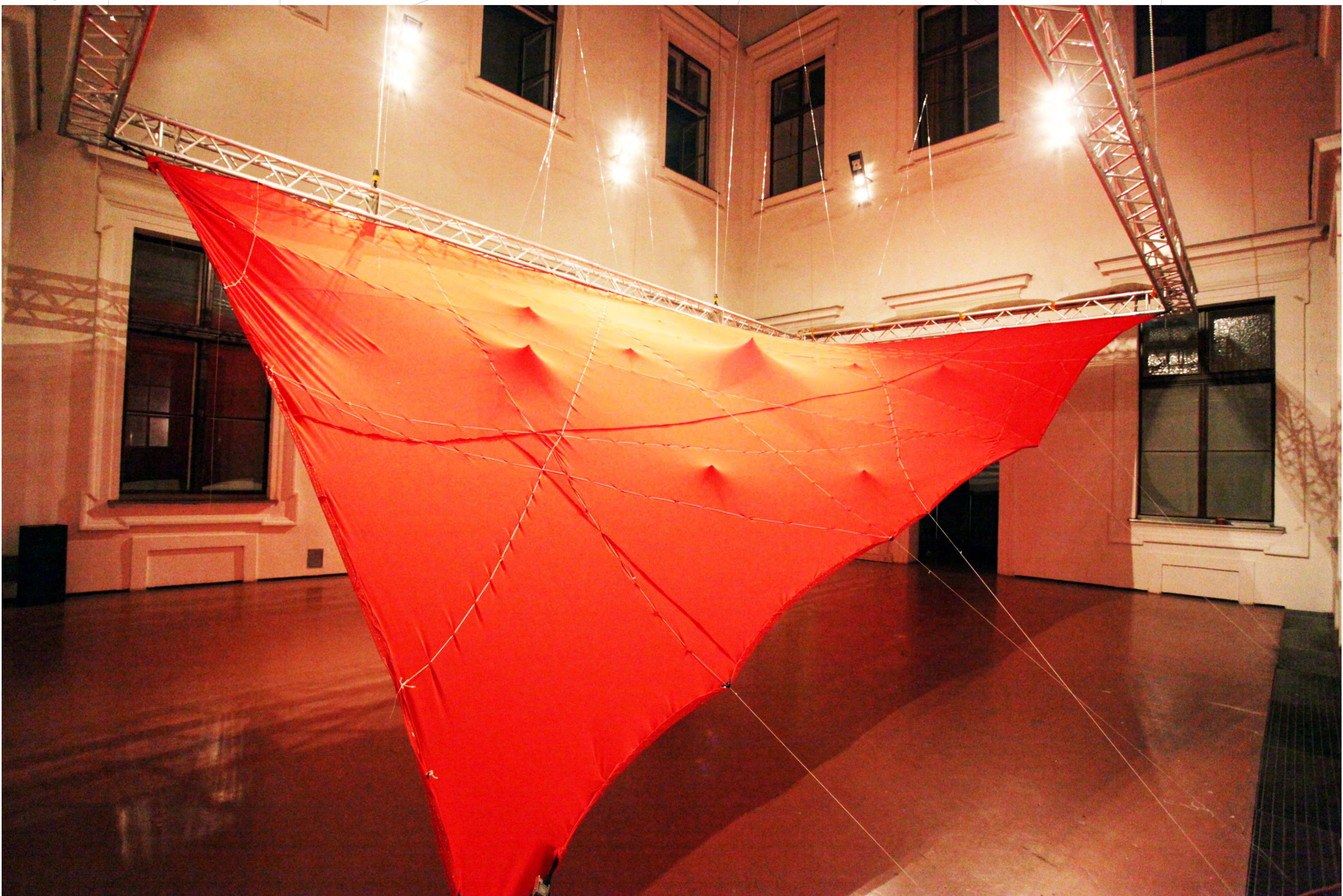17th-22nd September 2012 at IoA / Angewandte Wien

Info + Q&A:
www.architecturechallenge.wordpress.com
www.facebook.com/ architecturechallenge
architecturechallenge@uni-ak.ac.at

Link to Previous Event Architecture Challenge Spring12:
www.springchallenge2012.wordpress.com

Instructors:
Andrei Gheorghe, Bence Pap, Irina Bogdan, Galo Moncayo, Philipp Reinsberg

di: Angewandte

IoA
INSTITUTE OF ARCHITECTURE