

Information Architecture and Future Cities

Mondays 14:00 – 17:00
051-0726-12L | 3 ECTS

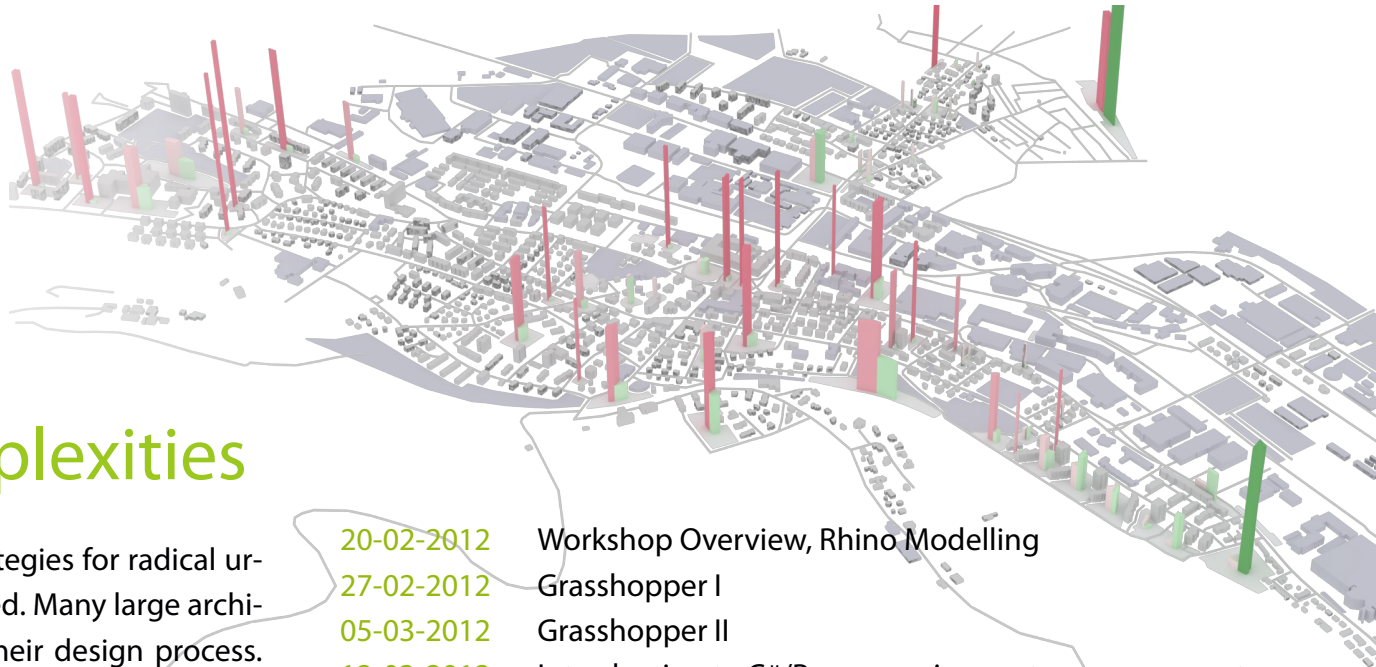
Workshop, HIT H12 Articulating Urban Complexities

Through the use of parametric design tools diverse strategies for radical urban development and transformation can be investigated. Many large architectural companies today use these tools to support their design process. The exercise will provide students with valuable knowledge, which they can use in their future work. During the workshop students will develop urban design proposals using parametric methods. The work on the design project will be mainly performed using the Grasshopper plug-in for Rhino. Students will learn how to build Grasshopper definitions from existing components. In order to meet specific requirements of urban design, they will learn how to create custom components using C#. For image production, they will be introduced to the V-Ray rendering plug-in for Rhino. The final presentation of the project will include design concept specifications and a video and will take place in the Value Lab.

Supervisors:

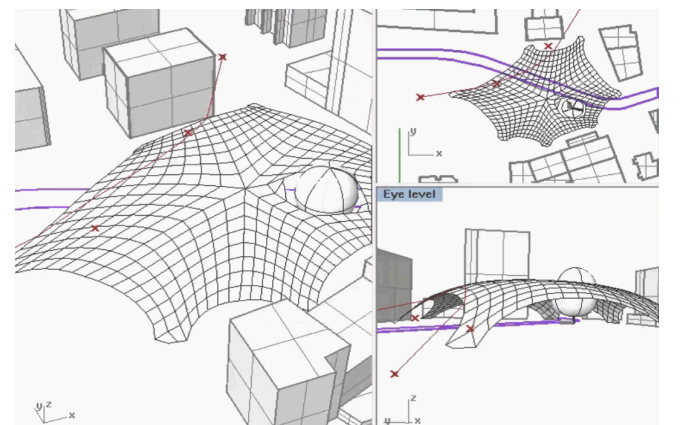
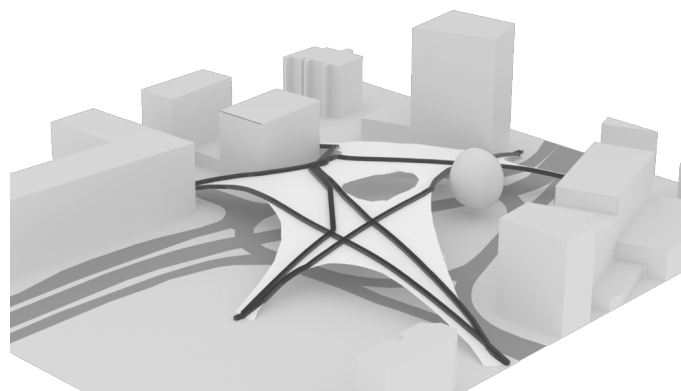
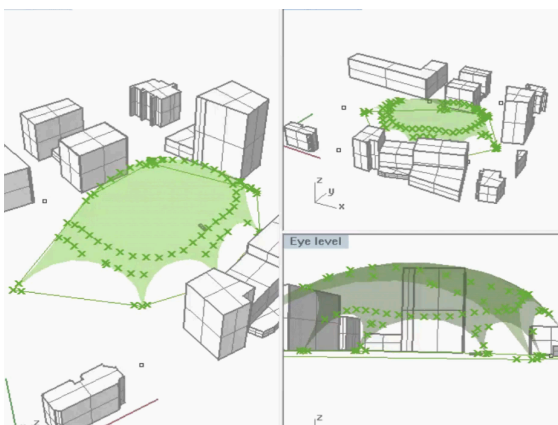
Anastasia Koltsova
Luis Gisler

koltsova@arch.ethz.ch
gislerl@ethz.ch



20-02-2012	Workshop Overview, Rhino Modelling
27-02-2012	Grasshopper I
05-03-2012	Grasshopper II
12-03-2012	Introduction to C#/Programming custom components
19-03-2012	Seminarweek (No Workshop)
26-03-2012	Case-Study Introduction (Singapore)
02-04-2012	Individual Coaching
09-04-2012	Easter Monday (No Workshop)
16-04-2012	Sechseläuten (No Workshop)
23-04-2012	Midterm Review
30-04-2012	Individual Coaching
07-05-2012	Individual Coaching
14-05-2012	Introduction to V-Ray, Presentation Preparation
21-05-2012	Final Presentation in the Value Lab

The number of participants is limited to 20 students



Student work by: Peter Selberg, Enzo Valerio, Bingyi Li, Christopher Choi, Yanchen Liu

Prof. Dr. Gerhard Schmitt
Chair of Information Architecture
Information Science Lab
Wolfgang-Pauli-Strasse 27, 8093 Zürich
ia.arch.ethz.ch

ia Chair of
Information
Architecture