



Parametric Zollinger

30. Sep. - 2. Oct. 2009
Royal Academy of Fine Arts,
School of Architecture, The
Red House

Teaching staff
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Workshop – Digital Material and Fabrication

The industrialised manufacture of building elements is increasing computer controlled allowing for new ways of building. As our the digital tools by which we draw and think architecture are maturing, we are now entering a new phase in which direct interfacing between the drawn and the built becomes possible. This workshop introduces new digital fabrication technologies in a hands-on way. The research based workshop will focus on the link between the digital and physical, the representation and the build. We will introduce how to link this systems even in complex systems.

Aim

This workshop will teach basic and advanced 3d-modelling skills and give knowledge and first hand experience into today's computer controlled fabrication techniques. It furthers a creative understanding of them. Participants will learn the use of the machines as well as 3d modelling software (Rhino).

Tools

Participants should have Rhino3D and grasshopper installed on their laptops.

<http://www.grasshopper3d.com/>

Besides extension cables, pliers, scissors, cutters, a cutting mat and a bit of 1.5mm cardboard is needed.

Schedule (more detailed plan on workshop site)

Start every morning 9.00h

30. Sep	9.00h	Intro to Rhino and parametric modelling
	12.00h	Tutorial 1 – Zollinger structure Lasercutting
1. Oct	9.00h	Networked structures – Tutorial 1 Assignment
	13.00h	Leaving Holmen
2. Oct	9.00h	Assignment
	15.30h	Final Presentation