



23rd-25th of May: **INTENSIVE SOFTWARE TRAINING:**

*Introduction to parametric design using **Rhinceros + Grasshopper***

26th-29th of May: **DIGITAL FABRICATION PROJECT**

NOTE: *changes in schedule might occur depending on development*

//DETAILED SCHEDULE

{**Rhinceros + Grasshopper introductory training**}

MONDAY_23.mai.2011

10.00-11.30: Introduction to parametric Design + Fabrication[Tudor_Andrei_Irina]

12.00-13.30: Rhino walk-through (general intro)[Tudor]

30 MIN LUNCH BREAK

14.00-15.00: GH introduction (interface)[Andrei]

15.00-18.00: **Tutored work** [students will be divided in groups of 5 each]

- a. vectors/points, grids, attractors/deforming grids [Irina]
- b. surfaces[loft, extrude to point, sweep] [Irina_Tudor_Andrei]
- c. functions, graphs, math [Tudor]
- d. tree work[on previous worked out examples] [Andrei]

TUESDAY_24.mai.2011

10.00 – 11.30: Getting down on the vector fields [Tudor]

[on an earlier example from the day before apply/deform/orient geometry]

11.30 - 13.30: Subsurf + morph geometry + ensuring planarity of elements + color analysis

[Andrei_Tudor_Irina]

30 MIN LUNCH BREAK

14.00 – 16.30: Blending: curve blending + surface blending [frames through blended geometry/sections]

16.30 – 20.00: **FABRICATION METHODS**

Unroll [decomposing/planarizing objects]

FILE PREPARATION [orient + “nesting”]

WEDNESDAY_25.mai.2011

10.00-12.00: Preparing files for lasercutter

30 MIN LUNCH BREAK

12.30-20.00: Lasercutting preliminary experiments [a series of works will be chosen and fabricated]

Students will be introduced to the lasercutting process

{INSTALLATION: design and production work}

THURSDAY_26.mai.2011

10.00-12.00: Lectures featuring Bence Pap [*ZHA Architects*] & Andrei Gheorghe [*Die Angewandte*]

A series of open lectures / presenting works of general interest

30 MIN LUNCH BREAK

12.30-14.30: Meeting the guest tutors/ framework of the next days of the workshop /dividing up teams/merging previous teams

14.30-20.00: Dividing individual work /Developing ideas

FRIDAY_27.mai.2011

10.00-11.30: Discussing development

11.30-13.30: Team Work

30 MIN LUNCH BREAK

14.00-20.00: Finishing project + preparing production files

SATURDAY_28.mai.2011

10.00-13.30: Sending files to factory

30 MIN LUNCH BREAK

14.00-17.00: Pimping up printed presentations / layouts

17.00-18.00: Sending presentation panels to printer

18.00-00.00: Starting assembly

SUNDAY_29.mai.2011

00.00-13.30: Finishing assembly + setting up exhibition

30 MIN LUNCH BREAK

14.00-15.00: Presenting exhibition to public [tutors presenting workshop framework + students presenting results]+open discussions

15:00 Handing out workshop diplomas