

Program_ Advanced Digital and Fabrication Workshop

Hyperbody, TU Delft in colaborare cu UAUIM

3-10 mai 2010

_day 1 (monday 3.05) 10.30 - 18.00

10.30 - 11.00: Introduction Lecture + Workshop Theme presentation
+ general introduction of the workshop content

11.00 - 13.00: Design Training Session – Grasshopper
+digital technologies in architecture
+non standard architectural design methods
+generative and parametric design concepts
+complexity, variation and mass customization

13.00 - 14.00: Lunch break

14.00 - 16.00: Grasshopper definition part 01
+ Grasshopper training session
+ script introduction

16.00 - 16.15: Coffee & cigarettes

16.15 - 18.00: Grasshopper definition part 02
+continuing with the script development

_day 2 (tuesday 4.05) 10.30 - 18.00

10.30 - 12.00: Shape Design Session
+students will be divided into groups, each of them being asked to work on the final shape for the installation – based on a basic given design

12.00 - 12.30: Coffee & cigarettes

12.30 - 13.00: Discussion + Final design selection
+evaluating the results and choosing the final design for the installation

13.00 - 14.00: Lunch break

14.00 – 14.30: Lecture 1 – parametric strategies

14.30 - 16.00: Grasshopper definition part 03

- +Grasshopper training session
- +solar analysis tools
- +component design session

16.00 - 16.15: Coffee & cigarettes

16.15 - 18.00: Grasshopper definition part 04

- +applying the learnt techniques on the final shape of the installation
- +parametric design of the components taking under consideration the interactive design requirements
- +structural analysis

_day 3 (wednesday 5.05) 10.30 - 18.30

10.30 - 11.00: Lecture 2 - fabrication techniques

11.00 - 12.15: Fabrication Training

12.15 - 12.30: Coffee & cigarettes

12.30 - 13.35: Fabrication Files

- +preparing the files for fabrication – tutor discussions

13.30 - 15.00: Lunch break

15.00 - 16.45: Fabrication Files

- + assisted session

16.45 – 17.00: Coffee & cigarettes

17.00 - 18.00: Fabrication Files

- +finalizing the fabrication files

18.30 – 20:00: Lecture 3 – InfoMATTERS – Dr. Nimish Bitoria

_day 4 (thursday 6.05) 10:30 – 20.00

10.30 - 13.30: Fabrication

13.30 – 15.00: Lunch Break

15.00 – 17.00: Fabrication + Testing the assembly process

17.00 – 17.30: Coffee & cigarettes

17.30 – 20.00: Assembly

_day 5 (friday 7.05) 10:30 – 20.00

10.30 - 13.30: Fabrication + Assembly

13.30 – 15.00: Lunch Break

15.00 – 17.00: Fabrication + Assembly

17.00 – 17.30: Coffee & cigarettes

17.30 – 20.00: Assembly

_day 6 (saturday 8.05) 10:30 – 20.00

10.30 - 13.30: Assembly

13.30 – 15.00: Lunch Break

15.00 – 17.00: Assembly

17.00 – 17.30: Coffee & cigarettes

17.30 – 20.00: Assembly

_day 7 (sunday 9.05) 10:30 – 20.00

10.30 - 13.30: Assembly

+final adjustments for the installation prototype

13.30 – 15.00: Lunch Break

15.00 + EXHIBITION

