

Digital Design and Full Scale Strategies

Instructor: Andrei Gheorghe (a.gheorghe@uni-ak.ac.at)
LV S10233 – WS

Place and time

WED 9:00-11:00 in Seminarraum A

(additional deskchairs as needed)

WED 12.10 at 9:00 Introductory Session in Sem A

Description

This seminar teaches the application of contemporary digital design and production methods. Student working groups will generate knowhow through the analyze of reference examples, and will design parametric structures in full scale by using easily processable materials. Virtual simulations of load bearing behavior will be encouraged, special emphasis will be put on the successful interaction of digital design and production technology, primarily in architectural detailing.

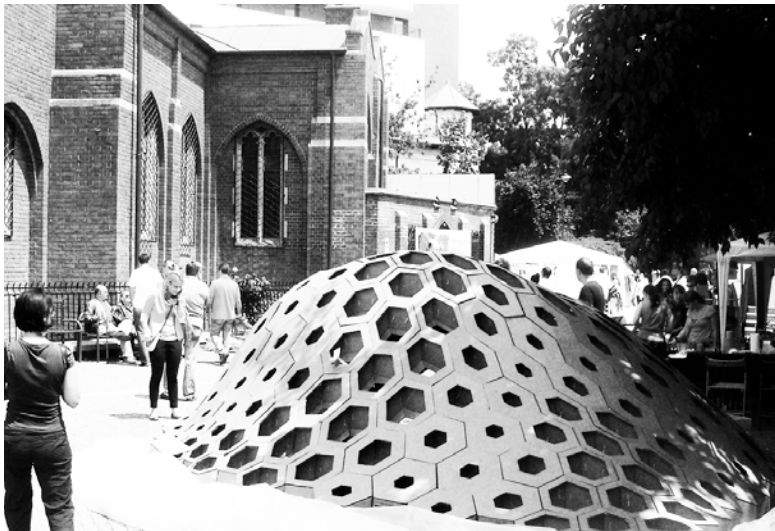
Exam Procedures

Structures built in 1:1 scale (group work), attendance and participation in meetings through design and production process. Final jury review, submission of a print medium and a data - CD

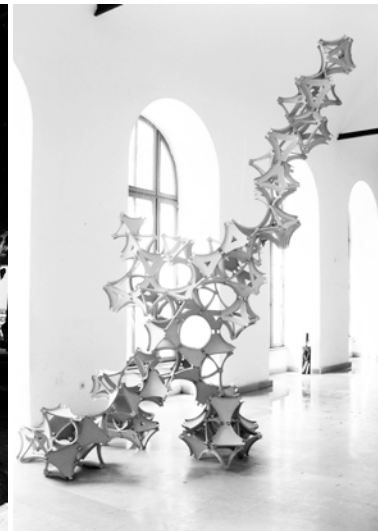
Pedagogic Aim

Application of structural principles, interest in digital design (rhino grasshopper, Karamba) and digital production methods (laser, CNC). For students in Industrial Design, this course replaces the required course TK1 in the former diploma in architecture curriculum.

Realized Examples created in previous student workshops



www.archdaily.com/146764



www.fablabitu.blogspot.com