

International Students Seminar Embedded in Textile Roofs 2006

Design task mobile tea house

“A motorcycle with sidecar stopped in front of the hotel. A man removed his helmet and started to work. Within a few minutes the sidecar was changed into a small restaurant with two gas cooker and a nice looking table being piled with small tablets full of goodies. By now people stopped and picked spits with minced meat, calamari pieces, sausages and chicken wings. They dipped the pieces into boiling water then into yellow, red or orange dressing, which is added on small plates, eat while standing and paid afterwards the number of empty spits they hold in their hand. Everything was clean, appetisingly and was organised at best. The man was Chinese. The poor Malayan had the impression never be successful surrounded by such competitor.”

from: Tiziano Terzani, A Fortune-Teller Told Me: Earthbound Travels in the Far East, Three Rivers Press, 2002.

Work packages



The project of the seminar is to design and to build in the scale of M 1 : 5 or M 1 : 10 a tent which can be stored in the trailer for the bicycle together with all equipment such as cooker, dishes, silverware, tea, milk, cakes etc.. The tent has to serve space for one table with 2 guests. The structure of the tent can be inflated or tensioned.



The best designs will be built in scale M 1 : 1 and present on the conference in Eindhoven, adaptables' 06, www.adaples2006.nl.

The project is accompanied by the lecturers of the seminar.

Lothar Gründig, TU Berlin
Peter Michael Schultes, Wien
Joachim Bahndorf, FH Minden
Rosemarie Wagner, FH München
Arno Pronk, TU Eindhoven

Location

Introduction and modelling Geodätenstand, 6. Stock
Technische Universität Berlin
Strasse des 17. Juni 135
10 623 Berlin

Lectures Ernst Reuter Haus
Strasse des 17. Juni 112
10623 Berlin

Equipment

Paper and pencils
Notebook

Materials to build the models will be given by the organizers

Program

Tuesday, May 23rd

- 9.30 - 10.00 Welcome and Introduction, Prof. Lothar Gründig, TU Berlin
- 10.00 – 10.45 Presentation of the lectures, Prof. J. Bahndorf, Minden
- 10.45 – 11.30 Presentation of the task, Prof. R. Wagner, München
- 11.30 – 13.00 Introduction in the topic, the materials, working techniques and equipment, Peter Michael Schultes, Wien
- 14.30 – 18.30 Conceptual design
Experiments with stiffening effects

Wednesday, May 24th

- 9.00 – 13.00 First models of the cover
- 14.30 – 18.30 Detailing of the model
Recognizing and understanding of the stiffening effects

Thursday, May 25th

- 9.00 – 11.00 Presentation of the models and discussion with the lectures
- 11.00 – 13.00 Revision of the models
- 19.30 Guestlecture
(Ernst Reuter Haus)

Friday, May 26th

- 9.00 – 12.30 Lectures Textile Roofs 2006 (Ernst Reuter Haus)
- 14.00 – 16.00 Refinement of the models
- 16.30 – 19.30 Boots tour, river Spree
19.45 Conference dinner, Textile Roofs 2006

Saturday, May 27th

- 9.00 – 12.30 Lectures Textile Roofs 2006 (Ernst Reuter Haus)
Finishing of the models
- 14.30 – 16.00 Presentation and evaluation of the models