



Textile Roofs '98

**The Third International Workshop on the
Design and Practical Realisation of
Architectural Membrane Structures**



Technical University Berlin, June 18th-20th 1998

Programme



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Thursday June 18th

08:00 Registration 

09:00 Welcome 
Prof. Dr.-Ing. Lothar Gründig
Technical University Berlin
Berlin, Germany

09:15 **Introduction and Subject Overview**
Prof. Marijke Mollaert
Vrije Universiteit Brussel
Brussels, Belgium

Computational Modelling: Formfinding, Analysis and Patterning
Prof. Dr.-Ing. Lothar Gründig *Mr. Erik Moncrieff*
Technical University Berlin technet GmbH
Berlin, Germany Berlin, Germany

Physical Modelling Part 1
Ms. Sigrid Adriaenssens *Mr. Erik Moncrieff*
University of Bath technet GmbH
Bath, U.K. Berlin, Germany

12:30-14:00 Lunch break

14:00-17:00 **'Hands On' Workshop Activity 1** (run concurrently)

- Physical model making
- Computational modell making with technet CADISI
- 1st Computational modelling 'masterclass' for advanced users*
- Demo of Ferrari's hand-held fabric stress measuring device

18:00 **Special Guest Evening Lecture**
Geometry, Architecture, Fabric & Design:
Tales of Creation in the Classroom
Prof. Percy Hooper
North Carolina State University, School of Design

Friday June 19th

09:00 **Good Structural Forms**
Prof. Josep Ignasi de Llorens Duran
School of Architecture
Barcelona, Spain

Project Management and the Design Process
Dr. David Wakefield
Tensys Ltd.
Bath, England

Economic Factors: Panel Discussion

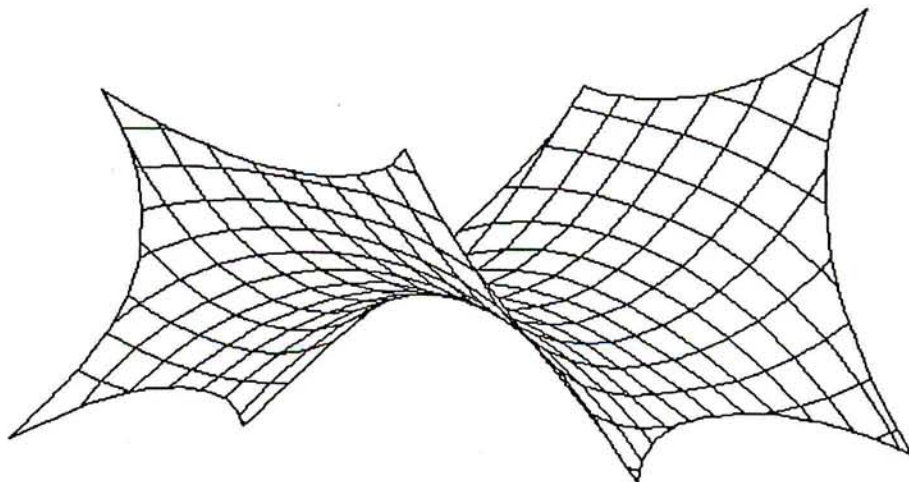
12:30-14:00 **Lunch break**

14:00-17:00 ****Hands On' Workshop Activity 2** (run concurrently)

- Physical modelling
- Computational modelling with technet CADISI
- 2nd Computational modelling 'masterclass' for advanced users*
- Demo of Ferrari's hand-held fabric stress measuring device

17:00 **Sightseeing bus tour of Berlin** 

17:30 **Dinner at the Wannsee**



Saturday June 20th

09:00 **Detailing and Connection Design**
Dr.-Ing. Hans-Joachim Schock
Festo KG
Esslingen, Germany

Future Developments: Experiments in Tensegrity
Prof. Dr.-Ing. R. Wagner
Fachhochschule München
Munich, Germany

Physical Modelling Part 2
Prof. Monjo-Carrío
Universidad Politecnica de Madrid
Madrid, Spain

12.00-13.00 **Lunch break**

13:00-16:00 **'Hands On' Workshop Activity 3** (run concurrently)

- Physical modelling
- Computational modelling with tentech CADISI
- 3rd Computational modelling 'masterclass' for advanced users*
- Demo of Ferrari's hand-held fabric stress measuring device

TENTECH

FERRARI 

* The computational modelling masterclasses will be presented by:

Mr. Matti Orpana
Tensotech Ltd
Kokkola, Finland

Ir. Rogier Houtman
Tentech BV
Delft, The Netherlands