



Textile Roofs 2011

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

Programme

Registration office will open on May 29th in the afternoon (at the Ice-Breaker Party) or on May 30th at 8:00 a.m. in the Main Building of the TU Berlin.

All lectures are held in the Main Building of the University of Technology Berlin at room H1036
The afternoon sessions are held at the Geodätenstand in the University of Technology Berlin

Monday, 30th May

09:00 **Welcome** (Room H 1036)

Prof. Dr.-Ing. Dr. h.c. Lothar Gründig
Prof. Dr.-Ing. Frank Neitzel
University of Technology Berlin, Germany

09:15 **to be announced**

Dipl.-Ing. Jürgen Hennicke
University Stuttgart & TU Vienna
Stuttgart, Germany / Vienna, Austria

Computational Modelling of Lightweight Structures

Dr.-Ing. Dieter Ströbel / Dipl.-Ing. Jürgen Holl
technet GmbH
Stuttgart, Germany

Formfinding: Space and Structure

DI Dr. techn. Robert Wehdorn-Roithmayr
Formfinder Software GmbH
Vienna, Austria

Assembling Details of Textile Surface Structures need Function, Design and Vision

Dipl.-Ing. Arch. Michael Kiefer
K.TA Architekten und Ingenieure
Radolfzell, Germany

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

14:00-17:00 **Afternoon Session 1** (Geodätenstand, 6th floor)

Three parallel strands:

- Physical Modelling Workshop
- Computational EASY Modelling Workshop
- Formfinder Workshop / RStab Workshop

19:30 **Special Guest Lecture** (Room H 1036)

Inflatable Structures for Concentrated Solar Power

Mr. Mauro Pedretti
Airlight Ltd.
Biasca, Switzerland

Tuesday, 31st May

09:00 **gmp architects - recent large scale membrane structures**

Mr. Martin Glass
gmp architects
Berlin, Germany

Comfortable Lightweight Spaces

Ms. Heidrun Bögner-Balz
Labor Blum
Vaihingen, Germany

Longevity of Preconstraint Material under different Climates

Ms. Françoise Fournier
S. Ferrari S.A.
La Tour-du-Pin, France

Detailing, Connection Design and Manufacturing

Mr. Matti Orpana
Tensotech Consulting
Kokkola, Finland

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

14:00-16:15 **Afternoon Session 2** (Geodätenstand, 6th floor)

Three parallel strands:

- Physical Modelling Workshop
- Computational EASY Modelling Workshop
- Formfinder Workshop / RStab Workshop

16:30 **City Sightseeing Cruise by Tourboat**

19:45 **Workshop Banquet**

Wednesday, 1st June

09:00 **Membranes and Environment**

Prof. Dr.-Ing. Rosemarie Wagner
Karlsruhe Institute of Technology (KIT)
Karlsruhe, Germany

to be announced

Mr. Jörg Tritthardt
Büro für Leichtbau
Radolfzell, Germany

Patterning and Static design of ETFE Membrane

Dipl.-Ing. Said El Sayad
Hightex GmbH
Rimsting, Germany

Design Innovation, from Peru into the World

Mr. Fernando Rodriguez Faveron
Cidelsa
Lima, Peru

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

14:00-16:00 **Afternoon Session 3** (Geodätenstand, 6th floor)

Three parallel strands:

- Physical Modelling Workshop
- Computational EASY Modelling Workshop
- Formfinder Workshop / RStab Workshop

16:30 **Close**