



Textile Roofs 2012

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

Programme

Registration office will open on May 13th in the afternoon (at the Ice-Breaker Party) or on May 14th 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, 14th 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 - 12:30 **Lightweight Architecture**

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

to be announced

Mr. Olivier Dufour
Esmary Caron
Dreux, France

Design: Membrane and Architecture

DI Dr. techn. Robert Wehdorn-Roithmayr
Wehdorn Architekten Ziviltechniker GmbH
Vienna, Austria

Computational Modelling of Lightweight Structures

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

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

14:00 - 16:30 **Afternoon Sessions 1** (6th floor, main building)

Three **parallel** strands:

- Physical Modelling Workshop
- Hands-on Formfinder Workshop
- Easy Modelling / Hands-on

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

Textile roofs, custom made!

Mr. Wolfgang Rudolf-Wittrin
CENO TEC GmbH
Greven, Germany

Tuesday, 15th May

09:00 - 12:30 **No event without temporary structure** (Room H 1036)

Mr. Rogier Houtman
Tentech BV
Utrecht, The Netherlands

Adaptive membrane structures – smart concepts with unique architecture

Dipl.-Ing. Christoph Paech
schlaich bergemann und partner
Stuttgart / Berlin, Germany

Roof Renovation of a Soccer Stadium in Bahrain

Mr. Osama Thawadi
Gulf Shade
Bahrain

Peak Wind Loads on Fabric Roofs

Dipl.-Ing. Jürgen Wacker
Wacker Ingenieure
Birkenfeld, Germany

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

14:00 - 16:00 **Afternoon Sessions 2** (6th floor, main building)

Three **parallel** strands:

- Physical Modelling Workshop
- Hands-on Formfinder Workshop
- Easy Modelling / Hands-on

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

19:45 **Workshop Banquet** (Restaurant "Café Campus")

Wednesday, 16th May

09:00 - 12:30 **Progress in tensile structures** (Room H 3010)

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

to be announced

Ms. Prof. Dr. Heidrun-Bögner Balz
Laboratorium Blum
Stuttgart, Germany

Preconstraint Fabrics in Major Sports Events:

London 2012, EURO 2012, Pan American Games 2011

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

Water-Filled Tube Systems for Flood Protection

Ms. Prof. Birgitt Brinkmann / Dipl.-Ing. Kai Heinlein
Leuphana University Lüneburg / KIT Karlsruhe, Germany

New hybrids- actively bent and membrane restrained

Prof. Dr.-Ing. Christoph Gengnagel
Berlin University of Arts
Berlin, Germany

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

14:00 - 16:30 **Afternoon Sessions 3** (6th floor, main building)

Three **parallel** strands:

- Physical Modelling Workshop
- Hands-on Formfinder Workshop
- Easy Modelling / Hands-on

Workshop on material properties

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

Ms. Prof. Dr. Heidrun-Bögner Balz
Laboratorium Blum
Stuttgart, Germany

Project Phase VI of the student's joint project week:

Assembling of the Roofs together with the participants of the Workshop

16:30 **Parting Drink under the Roofs** (Geodätenstand)

18:00 **Close**