



Textile Roofs 2007

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

Programme

Registration office will open on June 7th at 8:00 a.m. in the Ernst-Reuter Haus
All lectures are held in the Ernst Reuter Haus near the Technical University Berlin
The afternoon sessions are held at the Geodätenstand in the Technical University Berlin

Thursday, 7th June

- 09:00** Welcome; **Prof. Dr.-Ing. Lothar Gründig**
Technical University Berlin, Germany
- 09:15** Deployable and Retractable Tensile Structures
Prof. Marijke Mollaert
Vrije Universiteit Brussels
Brussels, Belgium
- Preconstraint Membrane for Light, Durable and Recyclable Architecture
Ms. Francoise Fournier
Ferrari S.A.
La Tour-du-Pin, France
- Formfinder Professional
DI Dr. techn. Robert Wehdorn-Roithmayr
WEHDORN ARCHITEKTEN Ziviltechniker GmbH
Vienna, Austria
- Computational Modelling Concepts
Dr.-Ing. Dieter Ströbel
technet GmbH
Stuttgart, Germany

12:30-14:00 Lunch break

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

Three parallel strands:

- Hands-on physical modelling workshop
- Hands-on computational modelling workshop
- Specialist presentations

– **contex-T:** Textile Material Development for Textile Construction

Konstantin Bertet

Denkendorf Institute for Textile Technology, Germany

– **contex-T:** New Textile Fluoropolymer Composites and Transparent Membrane Technology

Gernod Klaus Brück, Walter Dürbaum

Polymade ITT, Germany

– **contex-T:** Possible Solutions for connectors
Karel Devos; Bexco NV, Belgium

– **contex-T:** Textile Reinforced Concrete

Jan Wastiels, Oliver Remy

Vrije Universiteit Brussel, Belgium

19:30 Special Guest Lecture (Ernst Reuter Haus)

Development of Textile Structures over the Years
Dipl.-Arch. Horst Dürr
Ingenieurgesellschaft Flächentragwerke
Reichenau, Germany

Friday, 8th June

- 09:00** Arabian Tensile Structures and Submerged Hydro Membranes
Mr. Nassar Al Ali
Qatar Sat - Structures And Tensile
Doha, Qatar
- The Textile Market in Turkey and Vicinity
Mr. Assistent Prof. Fevzi Dansik
FabricArt Membranes
Istanbul, Turkey
- Two Different Membrane Structures - Barrandov, Prague and LM Kosice
Mr. Jan Dolejsi
AA SKA Design Office
Bratislava, Slovakia
- Installation Process
Prof. Josep I. Llorens
University of Catalonia
Barcelona, Spain

12:30-14:00 Lunch Break

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

Three parallel strands:

- Hands-on physical modelling workshop
- Hands-on computational modelling workshop
- Specialist presentations:

– An Airship Hall as Pneumatic Construction

Burkhard Trost, Munich University of Applied Science, Munich

– Dlubal Engineering Software for Structural Analysis and Design

Dipl.-Ing. Walter Rustler; Ing.-Software Dlubal GmbH

Tiefenbach, Germany

– Almuñecar Aquarium Textile Roof

Prof. Josep I. Llorens; University of Catalonia
Barcelona, Spain

– *The New Face of Membrane Architecture*

Gregor Grunwald; Technische Universität Berlin, Germany

16:30 City Sightseeing Cruise by Tour boat

19:45 Workshop Banquet

Saturday, 9th June

- 09:00** Basics in Tension Structures
Prof. Dr.-Ing. Rosemarie Wagner
Munich University of Applied Science
Munich, Germany
- Build Textile Constructions
Dipl.-Ing. Jörg Tritthardt
Büro für Leichtbau – lightweight design
Radolfzell, Germany
- Detailing in Textile Structures
Mr. Matti Orpana
Tensotech Consulting
Kokkola, Finland
- to be announced*
Dipl.-Ing. Michael Schultes
University of Vienna
Vienna, Austria

12:30-14:00 Lunch Break

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

Two parallel strands:

- Hands-on physical modelling workshop
- Hands-on computational modelling workshop

– Discussion: Hands-on physical model projects

Prof. Josep I. Llorens; Dr. Jürgen Hennicke;
Mr. Carlos Pereira

16:00 Close