



Textile Roofs 2008

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

Programme

Registration office will open on May 22nd 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, 22nd May

- 09:00** Welcome; **Prof. Dr.-Ing. Lothar Gründig**
Technical University Berlin, Germany
- 09:15** Evaluation of a concept for a foldable shelter
Prof. Marijke Mollaert; Mr. Niels De Temmerman
Vrije Universiteit Brussels
Brussels, Belgium
- 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
- Preconstraint Membrane: Lightweight / Durable / Recyclable
Ms. Françoise Fournier
Ferrari S.A.
La Tour-du-Pin, France

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

context-T: Block – various lectures

19:30 Special Guest Lecture (Ernst Reuter Haus)

to be announced
Mr. Roberto Canobbio
Canobbio SPA
Castelnuovo Scrivia, Italy

Friday, 23rd May

- 09:00** Membrane Structures in India
Ms. Dr. Hadker
Sterling Engineering Consultancy Services Pvt. Ltd
Mumbai, India
- to be announced
Mr. Peter Lim
Tensys Engineers Pty Ltd
Collingwood, Australia
- Pathology
Prof. Josep I. Llorens
University of Catalonia
Barcelona, Spain
- Engineering and Reseach Activities of Membrane Structures in SSRC-SJTU
Prof. Wujun Chen
Shanghai JiaoTong University
Shanghai, P.R. China
- Some Significant Projects in Detail
Prof. Dr. Nicolas Pauli
Abaca - Lightweight Structural engineers
Montpellier France

13:00-14:30 Lunch Break

14:30-16:00 Afternoon Session 2 (Geodätenstand, 6th floor)

Three parallel strands:

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

– Dlubal Engineering Software for Structural Analysis and Design

Dipl.-Ing. David Röseler; Ing.-Software Dlubal GmbH
Tiefenbach, Germany

– Biomem: Surface Wrinkling Analysis of Biological Tissue
Dr.-Ing. Michael Kröger; Max Rubner-Institut
Federal Research Institute for Nutrition and Food, Germany

16:30 City Sightseeing Cruise by Tour boat

19:45 Workshop Banquet

Saturday, 24th May

- 09:00** Cables, Fabrics and Foils
Prof. Dr.-Ing. Rosemarie Wagner
Munich University of Applied Science
Munich, Germany
- to be announced
Dr.-Ing. habil. Rainer Blum
Laboratorium Blum
Stuttgart, Germany
- About Lightness in Form and Structure
Mr. Jürgen Hennicke
University Stuttgart
Stuttgart, Germany
- Estimate of Costs by Means of Predimensioning Membrane Structures
Mr. Horst Dürr
Ingenieurgemeinschaft Flächentragwerke
Reichenau, Germany

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

16:00 Close