



# Textile Roofs 2008

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

# Programme

Registration office will open on May 22<sup>nd</sup> 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, 22<sup>nd</sup> 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
- ETFE-cushion roof for the Islazul shopping centre, Madrid  
*Mr. Rogier Houtman*  
Tentech BV, Netherlands  
*Mr. Feike Reitsma*  
IASO SA, Spain
- 12:30-14:00** Lunch break
- 14:00-17:00** Afternoon Session 1 (Geodätenstand, 6<sup>th</sup> floor)
- Three parallel strands:**
- Hands-on physical modelling workshop
  - Hands-on computational modelling workshop
  - Specialist presentations
- contex-T:** round table discussion  
"The Design of the Contex-T Demonstrator"  
*Mr. Roberto Cannobbio, Ms. Feike Reitsma, Ms. Rosemarie Wagner, Mr. Niels De Temmerman, Ms. Marijke Mollaert*
- 19:30** **Special Guest Lecture** (Ernst Reuter Haus)  
Designing, detailing and building with textiles.  
Examples of projects with different fabrics  
*Mr. Roberto Cannobbio*  
Cannobbio SPA  
Castelnuovo Scrivia, Italy

## Friday, 23<sup>rd</sup> May

- 09:00** Membrane Structures in India  
*Ms. Dr. Hadker*  
Sterling Engineering Consultancy Services Pvt. Ltd  
Mumbai, India
- Stretching the boundaries of fabric and film:
  - o Grand Pavilion Royal Melbourne Showgrounds, Australia
  - o ClarkeQuay, Singapore*Mr. Peter Lim*  
Tensys Engineers Pty Ltd.  
Collingwood, Australia
- 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, 6<sup>th</sup> 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, 24<sup>th</sup> 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
- Pathology  
*Prof. Josep I. Llorens*  
University of Catalonia  
Barcelona, Spain
- 12:30-14:00** Lunch Break
- 14:00-16:00** Afternoon Session 3 (Geodätenstand, 6<sup>th</sup> 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