



Textile Roofs 2016

The 21st International Workshop on the Design and Practical Realisation of Architectural Membrane Structures

Preliminary Programme

Registration office will open on May 2th at 08:15 pm at the observatory's entry hall
All workshop activities take place in the "Archenhold Observatory"
Alt-Treptow 1, 12435 Berlin

Monday, 2nd May

09:00 Welcome

Dr.-Ing. Bernd Stary, akademus GmbH, Berlin, Germany
Prof. Dr.-Ing. Rosemarie Wagner, KIT, Karlsruhe, Germany

09:20 The Lightweight Design Approach

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

09:55 Pathology

Prof. Josep I. Llorens
University of Catalonia, Spain

10:30 Coffee Break

11:00 Innovative Material for Tensile Roofs and Acoustic

Mr. Farid Sahnoune
Serge Ferrari S.A.S. France

11:30 Computational Modelling of Lightweight Structures

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

12:00 Introduction to Workshop Afternoon

Dipl.-Ing. Stev Bringmann
3dtex GmbH, Germany

12:15 Lunch Break

13:15 Parallel strand:

- **Joint Participant Project**
Stev Bringmann, 3dtex, Germany
Dipl.-Ing. Jürgen Hennicke, ILEK Stuttgart & TU Vienna
- **Easy Modelling / Hands-on**
Dipl.-Ing. Ulrike Gründig-Tsoukalas, technet GmbH
- **Participant Presentations**

17:30 Special Guest Lecture

Light Architecture – Oevre of SL Rasch

Mustafa Rasch, SL Rasch GmbH

Special and Lightweight Structures, Germany

follow-up Barbecue in the Observatory's Garden

Tuesday, 3rd May

09:00 Wind Loads on Fabric Roofs and Corresponding Dynamic Response

Dipl.-Ing. Martin Zschke
Wacker Ingenieure, Germany

09:35 Ettlin Woven Fabric, Testing and Behaviour

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

10:10 Design Guide for Fabric Structures ASCE / SEI Publication

M.Arch. Maqsood Ahmed
Specialty Structures USA, Amherst – New York

10:45 Coffee Break

11:20 Details in Membrane Architecture

Dipl.-Ing. Horst Dürr
IF-Ingenieure für Flächentragwerke GmbH Reichenau, Germany

11:55 New Structures

Dr.-Ing. Gregor Grunwald
Pfeifer Seil- und Hebeteknik GmbH, Memmingen, Germany

12:30 Lunch Break

13:30 Parallel strands:

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- **Easy Modelling / Hands-on**
Dr.-Ing. Dieter Ströbel / Dipl.-Ing. Jürgen Holl,
Dipl.-Ing. Ulrike Gründig-Tsoukalas, technet GmbH
- **Participant Presentations**

16:00 Leave for Berlin Sightseeing by tourboat

19:30 Workshop Banquet next to tourboat landing side at

Restaurantschiff van Loon, Carl-Herz-Ufer 5, 10961 Berlin

Wednesday, 4th May

09:00 Imagine Tomorrow – Replacement and Renovation of Textile Structures

Dipl.-Ing. Alexander Rütter / Dipl.-Ing. Michael Hofmann
CENO Membrane Technology GmbH, Germany

09:35 Textile Market in Portugal From a more Practical Point of View

Dipl.-Ing. Antonio Galhardo
apg coberturas, Portugal

10:10 Report on Current gmp Projects

Dipl.-Ing. Martin Glass
gmp Architekten, Germany

10:45 Coffee Break

11:20 EURO 2016: How Tensile Solutions Contribute to State of the Art Stadium

Benoit Legall
Montoir-de-Bretagne, France

11:50 Inspiring Projects with Light & Air

Dr.-Ing. L. Meeß-Olsohn
leichtbaukunst, Germany

12:25 Architectural Design of Lightweight Membrane Structures

DI Dr. techn. Robert Roithmayr
formfinder GmbH, Tensile Evolution GmbH, Austria

13:00 Lunch Break

13:45 Parallel strands:

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16:30 Close