



Textile Roofs 2017

The 22nd International Workshop on the Design and Practical Realisation of Architectural Membrane Structures

Programme

Registration office is open on Sunday, May 14th between 18:00 and 20:00 during the "Meet and Greet" and on all workshop days

All workshop activities take place in the "Archenhold Observatory", Alt-Treptow 1, 12435 Berlin

Monday, 15th May

09:00 Welcome

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

09:20 Computational Modelling of Lightweight Structures

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

09:55 The Lightweight Design Approach

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

10:30 Coffee Break

11:00 Aging Behaviour of ETFE Foils

The World's Eldest ETFE Roof
Dr. rer. nat. Carl Maywald
Vector Foiltec GmbH, Bremen, Germany

11:35 Detailing

Prof. Josep I. Llorens
University of Catalonia, Spain

12:10 Introduction to Workshop Afternoon

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

12:30 Lunch Break

13:15 Parallel strand:

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

17:30 Special Guest Lecture

Forty Years of Relaxation

Dr. David Wakefield
Tensys Limited, Bath, United Kingdom

follow-up Barbecue in the Observatory's Garden

Tuesday, 16th May

09:00 Membrane Biogas Storages Systems

Dipl.-Wirt.-Ing Christopher Seybold jr.
H. Seybold GmbH & Co. KG, Düren, Germany

09:35 Tensile Structures: Welding & Structural Integrity

Mr. Wojciech Staniszewski
FIAB Sp. z o.o. Sp. k., Kąty Wrocławskie, Poland

10:10 World Cup Membrane Structures

Dipl.-Ing. Martin Glass
gmp Architekten, Germany

10:45 Coffee Break

11:15 Membrane Structures in Russia

Prof. Vladimir Ermolov,
Moscow Institute of Architecture & Verteco, Moscow Region,
Russia

11:50 Large-sized Dome-shaped Constructions

Hon.-Prof. Dr. Andrej Moroz
Lommeta, Novosibirsk, Russia

12:25 Lightweight Membrane Structures

The Postgraduate Master (MEng) Program
at Danube University Krems, Austria
DI Dr. techn. Robert Roithmayr
formfinder GmbH, Austria

12:45 Lunch Break

13:30 Parallel strands:

- **Joint Participant Project**
Stev Bringmann, 3dtext, Berlin
Dipl.-Ing. Jürgen Hennicke, ILEK Stuttgart & TU Vienna
- **Easy Modelling / Hands-on**
Dr.-Ing. Dieter Ströbel / Dipl.-Ing. Jürgen Holl,
Dipl.-Ing. Ulrike Gründig-Tsoukalas, technet GmbH

16:00 Leave for Berlin Sightseeing by tourboat

19:30 Workshop Banquet

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

Wednesday, 17th May

09:00 Natural light, acoustic and thermal comfort in membrane structures

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

09:35 Testing

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

10:10 TransProof® - New Opportunities for Weather Protection

Dipl.-Ing. Tobias Raithel
ETTLIN Spinnerei und Weberei Produktions GmbH & Co. KG,
Ettlingen, Germany

10:45 Coffee Break

11:15 Wind Membrane Interaction

A computational design approach
Dr.-Ing. Alexander Michalski
structure GmbH, Stuttgart, Germany

11:50 Tensile Structures in India. A General out line

Archineer (M.St.) Abdul Sathar
Technospan Structures pvt ltd., India

12:25 Temporary Structures (Fliegende Bauten) / Circus Tents

Ir. Rogier Houtman
Tentech B.V., Utrecht, The Netherlands

13:00 Lunch Break

13:45 Parallel strands:

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16:30 Close