MARCH 2020

Dear member,

TENSINET ON LINKEDIN!

We are 1 month on LinkedIn and have by now more than 700 ‘followers’, and hopefully this will grow. We try to feed LinkedIn with valuable information.

- If you have comments or ideas, please give feedback to info@tensinet.com
- If you have ‘news’ about recent projects, with some pictures or drawings, or a link to existing descriptions, you are welcome to inform us.

TENSINET AT ADVANCED BUILDING SKINS 2020

15th Conference on Advanced Building Skins, 26-27 October 2020, Bern, Switzerland

International platform for architects, engineers, scientists and the building industry

Architects, engineers and representatives of the worldwide building industry are meeting at the annual International Conference on Advanced Building Skins in Bern to discuss the latest trends and new developments in sustainable building design. The conference is Europe’s leading event on building envelopes and combines top-class presentations with active networking in the construction industry. Every year, over 150 speakers present new projects and developments in the design of building skins.

The TensiNet Association will be represented at this 15th Conference on Advanced Building Skins with two TensiNet sessions on Membrane Architecture and with a TensiNet booth designed by associate partner POLIMI. Lastly, we will organise the TensiNet Annual Meeting “TensiNet and friends”.

Session 1 - Skins from fabrics and foils - Chair: Dipl.-Ing. Architect Katja Bernert

In the session Skins from fabrics and foils Marijke Mollaert will give an introduction input on tensioned skins and the work of the TensiNet Association. Carol Monticelli will deepen the insight by showing the focal points of TensiNet’s working group Sustainability and Comfort. From there we’ll start an itinerary from raw material to current and future applications. Sebastian Zehentmaier will show one of the commonly used raw materials for foil applications. Katja Bernert will give an overview on state of the art fabric façade architecture, evaluate the industry’s advances in sustainability and give a brief insight on what future building skins might look like. More case studies will be presented by Fevzi Dansik, Roberto Canobbio and Gerd Schmid along examples from Turkey, Italy and Europe. Claudia Lüling will finish the session by showing results from research about textile-based, lightweight construction at Frankfurt University of Applied Sciences.

Session 2 – Building Membrane Cladding Systems - Chair: Dr. Carl Maywald

The session Building Membrane Cladding Systems will start with an input from Bernd Stimpfle questioning if technical specifications are needed for building with foils and fabrics. Carl Maywald will show ETFE applications along with an outlook on the durability of foils commonly used in tensile architecture. One of today’s major functions of tensile building envelopes will be highlighted in the presentation of Monika Rychtáříková. She will talk about research on the acoustical effects of fabric façades. The insight in engineering ETFE façades will be deepened by a presentation of Felix Surholt. Maxime Durka will show how
foils and fabrics can be combined in one material and Jürgen Holl will give an insight in calculating and form finding of tensile structures. Current façade projects in the US will be highlighted by Michael Lussier.

**Interested to have your firm booth at ABS 2020?**

As Membrane Architecture will be one of the main topics at ABS 2020 you may be interested to have your own booth or to sponsor the event. See for the exhibition and sponsorship packages: https://abs.green/files/user_upload/Sponsors_Exhibitors/Sponsorship_opportunities.pdf

**Register as TensiNet member**

TensiNet members receive a reduction fee of 30% if you register as early-bird before 31st May.

More info: https://abs.green/home/

Kind regards,

Evi Corne & Marijke Mollaert