

TensiNewsflash

SUMMER 2025

Dear TensiNet member,

Please find below the latest TensiNewsflash.

REMINDER **TENSINEWS 49** CALL FOR CONTRIBUTIONS **DEADLINE 07.08.2025** -

Submit for the next TensiNews 49 issue an article, project description, upcoming event, new development, research report or book review*. Send your contribution to evi.corne@vub.be. Please follow these simple rules:



- The text should be written in English, submitted in Word-format
- Images are to be sent separately, with a resolution of 300dpi in .jpg-format (For easy reference during the layout process, it can be useful to include a copy of the pictures in the text file as well).
- For research articles the maximum word amount is set to 5000 words (equivalent of four pages in TensiNews layout).
- Project descriptions need to be accompanied by full contact details of the author, and other information such as architect, contractor, approx. span, height, membrane material, etc. This facilitates the inclusion of the project in the online database. (See below)

Name of the project:
Location address:
Client (investor):
Function of building:
Type of application of the membrane:
Year of construction:
Architects:
Multi-disciplinary engineering:
Structural engineers:
Consulting engineer for the membrane:
Engineering of the controlling mechanism:
Main contractor:

Contractor for the membrane (Tensile membrane contractor):
Supplier of the membrane material:
Manufacture and installation:
Material:
Covered surface (roofed area):

* TensiNet and TensiNews provide to partners and members a platform to present projects, new developments and scientific results. The articles within TensiNews should have a scientific, technical or journalistic value, i.e. it should be informative, and not mainly marketing information.

WORKING GROUP DIGITAL



WG leader: Maxime Durka

The aim of this WG is to give TensiNet a higher visibility on digital platforms. We have optimised together with the web designer aware the TensiNet website! The website is more visually appealing through the use of image tiles and the structure has been simplified. The updated website will be online shortly.

Log in and find out more! www.tensinet.com

A screenshot of the TensiNet website. At the top, there is a black navigation bar with links for 'Order', 'Contact us', and 'in'. Below this is a white header with the 'TensiNet' logo and a navigation menu: 'Home', 'About', 'News & Events', 'Inspiring & knowledge', 'Publications', 'Working Groups', and 'Login'. The main content area has a blue background with the text 'TENSINET PUBLICATIONS'. Below this, there is a section titled 'TensiNet Publications' with a sub-header 'TensiNet publishes the TensiNews newsletter twice a year.' and a paragraph explaining that members have access to digital versions of the latest 8 issues, while non-members can consult older issues. A link 'Find out more' is provided. Below the text, there are four image tiles representing different TensiNews issues: 'TensiNews 48 - April 2025', 'TensiNews 47 - September 2024', 'TensiNews 46 - May 2024', and 'TensiNews 45 - September 2023'. Each tile has a 'Find out more' link.

We have committed to posting LinkedIn posts more regularly. We reach more than 2500 LinkedIn followers!

ACTIVITIES AND NETWORKING

GENERAL ASSEMBLY 2025



The General Assembly took place during the Frei Otto 100 symposium in Stuttgart on Friday 6th of June 2025. Please find a link to the [minutes](#), including a link to the ppt presentation (login).

STRUCTURAL MEMBRANES XII International Conference on Textile Composites and Inflatable Structures 8th – 10th October 2025, München

The main objective of Structural Membranes 2025 is to collect and disseminate state-of-the-art research and technology for design, analysis, construction and maintenance of textile, tensile and inflatable structures. Contributions on other lightweight structural systems are also very welcome. The conference will address all aspects related to design, analysis, planning, manufacturing, testing, construction and maintenance of tensile structures. Contributions including advances in materials, life-cycle analysis, environmental conditions, monitoring and applications of machine learning and artificial intelligence are encouraged. Structural Membranes 2025 aims to be a forum of experts of all different fields related to tensile and lightweight structures for discussing recent progress and identifying future research directions within a relaxed environment. <https://structuralmembranes2025.cimne.com/>

IASS ANNUAL SYMPOSIUM 2025 The Living Past as a Source of Innovation 27th – 31st October 2025, Mexico

Mexico has already held two previous editions of this symposium – the first time in 1967 in Mexico City and the second time in 2008 in Acapulco, Guerrero. The third edition would be at the Palacio de Minería, located in the historic center of Mexico City.



Mexico's cultural richness and constructive tradition have gone hand in hand since time immemorial. This is how the past and the present coexist daily in our territories, architectures, structures, and spatial solutions. The IASS 2025 theme symposium, “**The living past as a source of innovation,**” will look towards novelty: learning from good

construction practices and using the new technologies and materials of our time to project ourselves into the future. What lessons can we transmit from the historical tradition, from projection, technical, geometric, project, and structural solutions? What can we implement in the future in a world in perpetual transformation? The invitation opens to a rich discussion and deep reflection: let us raise, listen, and learn together from experiences worldwide. <https://iass2025.unam.mx/>

8th TensiNet Symposium 2026 & 7th Essener Membranbau Symposium 2026 SHAPING THE PATHWAY TO FUTURE TENSIONED MEMBRANE DESIGN 30th September – 2nd October 2026, University of Duisburg Essen, Campus Essen

The main topics of this 3-days symposium are 1/ Design, Modelling and simulation of structural membranes; 2/ Materials and executions and 3/ Sustainability and building physics.

The following keynote speakers have confirmed: **Roberto Canobbio** “*La mia vita, una passione per le membrane*” (*My life, a passion for membranes*); **Marc Gabriel** “*Shading of Spaces*”; **Dr. Carl Maywald**

“Reaction to fire of membrane cladding systems”; **Christoph Paech** *“Durability assessment and enhancement of membrane structures”*; **Farid Sahnoune** *“Fire safety of textiles”*; **Bernd Stimpfle** *“Membranes refreshed”*; **Prof. Natalie Stranghöner** *“Assembly and long-term behaviour of glass-PTFE fabrics”*; **Dr. Jörg Uhlemann** *“Material modelling for textiles and foils for design”* and **Prof. Alessandra Zanelli** *“Membrane as sunlight controller: The crucial role of textile architecture in cultural heritage protection”*.



Renovation of the Volkspark Stadion, Hamburg © schlaich bergemann partner

Time is also set aside for various visits: visit to the test laboratories of the University of Duisburg-Essen, visit to the Ruhr Museum in Zeche Zollverein and the technical visits to Mehler Technologies and the Factory tour Zoom Erlebnisswelt. <https://www.uni-due.de/iml/tensinet-ems2026.php#>

CALL FOR ABSTRACTS Interested to participate?! Choose one of the topics and upload your abstract (Text only, 400 Words, 5 Keywords). Timing: **Abstract submission 31.08.2025** | Abstract acceptance 31.10.2025 | Paper submission 15.02.2026 | Paper acceptance or feedback 31.03.2026 | Revised paper submission 30.04.2026

CALL FOR SPONSORING There is the opportunity to sponsor the TensiNet-EMS 2026 symposium. There are 4 categories with corresponding benefits: Platinum sponsorship for 4000€; Gold for 3000€; Silver for 2000€ and Copper for 1000€. For more information see www.uni-due.de/iml/te26-id10.php. If additional information is needed, please contact evi.corne@vub.be

Enjoy the summer season! Kind regards

Evi Corne & Marijke Mollaert