

TensiNet Symposium 2019 Softening the Habitats

Politecnico di Milano
3-5 June 2019, Milan (Italy)
#TS19MI

For more information:
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THE 6TH TENSINET
SYMPOSIUM 2019
MILAN, ITALY
3-5 JUNE

SUSTAINABLE INNOVATION IN MINIMAL MASS STRUCTURES AND LIGHTWEIGHT ARCHITECTURES

The 6TH TensiNet Symposium 2019, Milan, Italy, 3-5 June

Softening the Habitats:

Sustainable Innovation in Minimal Mass Structures
and Lightweight Architectures

The last few decades have brought numerous significant innovations of materials, design and computational tools, as well as construction detailing and installation methodologies. Membrane construction has now an established place in the field of Architecture.

The 2019 TensiNet edition will open a twofold reflection - the **conference** and **exhibition** - on current innovations, trends and strategies in the field of lightweight membrane structures. The Symposium will be organised by three plenary sessions, plus parallel sessions and open talk.

The Conference

It will focus on how building technologies on membranes are being more and more directed towards achieving a smaller environmental footprint and obtaining more resilient cities and landscapes.

The Exhibition

The exhibit will start one week prior to the conference and it will show an exhaustive picture of responsibilities at various levels - academia, industries, practitioners, construction sector and standards - on tensile, membrane and foil constructions in Europe and worldwide.

Symposium Secretariat

TS2019 Organizing Committee

Politecnico di Milano
Alessandra Zanelli Carol Monticelli
TensiNet association

Evi Corne Marijke Mollaert Bernd Stimpfle

Scientific Committee

Adriana Angelotti *Politecnico di Milano, Italy*
Paolo Beccarelli *University of Nottingham, United Kingdom*
Katja Bernert *Low & Bonar GmbH, Huckelhoven, Germany*
Heidrun Bögner-Balz *DEKRA, Germany*
Jean-Marc Bourinet *SIGMA, Aubière Cedex, France*
Andrea Campioli *Politecnico di Milano, Italy*
Roberto Canobbio *Canobbio Textile Engineering, Italy*
Valter Carvelli *Politecnico di Milano, Italy*
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Lars De Laet *Vrije Universiteit Brussel, Belgium*
Christoph Gengnagel *Universität der Künste, Germany*
Peter Gosling *Newcastle University, United Kingdom*
Klaus-Michael Koch *Hightex, Germany*
Sebastian Koch *Koch membranes, Germany*
Nikolai Kugel *arch22, Germany*
Benson Lau *University of Westminster, United Kingdom*
Julian Lienhard *structure GmbH, Germany*
Josep Llorens *Universitat Politècnica de Catalunya, Spain*
Claudia Marano *Politecnico di Milano, Italy*
Marijke Mollaert *Vrije Universiteit Brussel, Belgium*
Carol Monticelli *Politecnico di Milano, Italy*
Giorgio Novati *Politecnico di Milano, Italy*
Andrea Ratti *Politecnico di Milano, Italy*
Monica Rychtáriková *KU Leuven, Belgium*
Franck Schoefs *Université de Nantes, France*
Natalie Stranghöner *Universität Duisburg-Essen, Germany*
Martin Tamke *Royal Danish Academy of Fine Arts, Denmark*
Jean-Christophe Thomas *Université de Nantes, France*
Jörg Uhlemann *Universität Duisburg-Essen, Germany*
Alessandra Zanelli *Politecnico di Milano, Italy*
Walter Zech *Econ, Germany*

Wednesday, June 3

Registration & Welcome 9:00 AM

Plenary Session 1 SOFT STRUCTURES

Chairman + 3 speakers 9:30 - 11:15 AM
Coffee Break 11:15 - 11:30 AM
2 KEY NOTE Speakers 11:30 AM - 1:00 PM

Introduction to the Exhibition 1:00 - 1:10 PM

Lunch Break 5 1:10 - 2:00 PM

Parallel Session 3a MOVEMENT IN LIGHTWEIGHT 3b STRUCTURES

Demountable structures 2:00 - 3:40 PM
Kinetic/Kinematic/Foldable structures 2:00 - 3:40 PM

Coffee Break 6 3:40 - 4:00 PM

Parallel Session 3a RECENTLY BUILT STRUCTURES 3b

Pneumatic/Air-supported structures 4:00 - 5:40 PM
Complex/ Hybrid structures 4:00 - 5:40 PM

Field Trip 6:00 - 7:30 PM

Thursday, June 4

Plenary Session 1 SOFTENING THE ENVIRONMENTS

Chairman + 4 speakers 9:00 - 11:15 AM
Coffee Break 11:15 - 11:30 AM
2 KEY NOTE Speakers 11:30 AM - 1:00 PM

Lunch Break 5 1:10 - 2:00 PM
Poster Session (Exhibition)

Parallel Session 3a ENVIRONMENTAL COMPATIBLE 3b MEMBRANE STRUCTURES

Design and Simulation 2:00 - 3:40 PM
Analysis and performance assessment 2:00 - 3:40 PM

Coffee Break 6 3:40 - 4:00 PM

OPEN TALK Session 2

Academia-industry Dialogue
+ Round table discussion 4:00 - 5:30 PM

Tensinet Partner Meeting 6:00 - 7:00 PM

Social Dinner 8:30 PM

Friday, June 5

Plenary Session 1 SOFT SKINS

Chairman + 4 speakers 9:00 - 11:15 AM
Coffee Break 11:15 - 11:30 AM
2 KEY NOTE Speakers 11:30 AM - 1:00 PM

Lunch Break 5 1:10 - 2:00 PM
Poster Session (Exhibition)

Parallel Session 3a ADAPTIVITY OF 3b MEMBRANE-BASED SKINS

Extreme living + Design & Simulation 2:00 - 3:40 PM
Thermal & acoustic comfort 2:00 - 3:40 PM

Coffee Break 6 3:40 - 4:00 PM

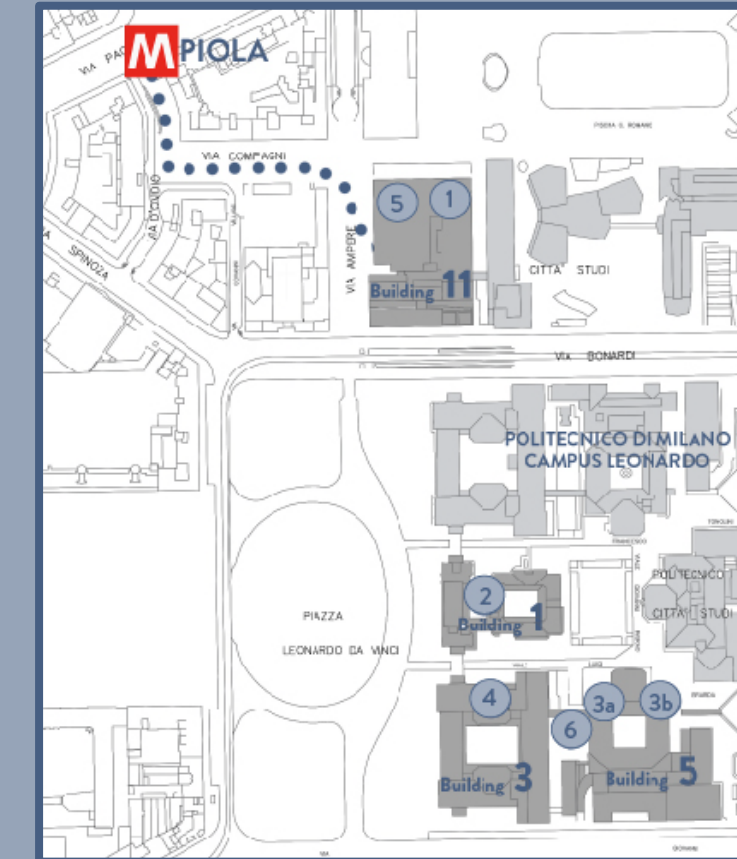
Parallel Session 3a ADAPTIVITY OF TRANSPARENT 3b FOIL SKINS

Extreme living + Design & Simulation 4:00 - 5:40 PM
Thermal & acoustic comfort 4:00 - 5:40 PM

Conclusion 6:00 - 6:30 PM

Participate to the Tensinet Symposium 2019:

Call for Abstracts (deadline: May 31st, 2018)
Call for Papers (deadline: October 30th, 2018)



- 1 Aula E. N. Rogers, Building 11
- 2 Aula Magna, Building 1
- 3a Aula Beltrami, Building 5
- 3b Aula Castigliano, Building 5
- 4 Aula De Donato, Building 3
- 5 Guido Nardi Exhibition room, Building 11
- 6 Lunch Area, Building 5