



UNIVERSITÀ DEGLI STUDI  
DI TRENTO

Dipartimento di Ingegneria Civile,  
Ambientale e Meccanica



## ONLINE SEMINAR ANNOUNCEMENT

<https://unitn.zoom.us/j/92001525623>

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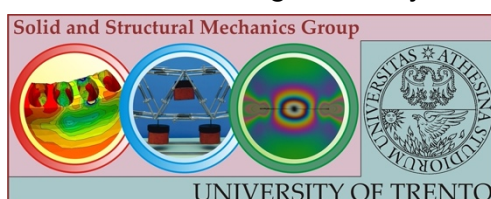
**June 9, 2021 at 15:00 (CET)**

# Design considerations for tension structures – Twenty years of stress! Tension structures from around the world Eng. Cabello & Eng. A. Bown *Tensys Ltd, Bath, UK*

Based on twenty years of on-field experience, two engineers from the engineering consultancy Tensys specialized in the design and analysis of lightweight structures will present an overview of tensioned systems structures, encompassing the following aspects

- Form finding and design considerations
- Load analysis
- Materials
- Failure / problems
- Cutting pattern and fabrication methods
- Installation
- Worked examples / case studies (general tension structures, artistic Sculptures, pneumatic structures, retractables, temporary structures)
- Pneumatic structures and ETFE cushions

This seminar is organized by Dr. D. Misseroni and Prof. F. Dal Corso



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