

# TEACHING STRUCTURAL MECHANICS WITH MODELS

*seminar*

**Daive Bigoni** Università degli Studi di Trento

Several models are presented to help teaching solid and structural mechanics, at all levels, to engineering and physics students. The simpler models have been developed to explain the concepts of elastic beam, segmental arch, truss structure, elastic frame, and Euler buckling. More sophisticated models have been designed to introduce advanced concepts such as flutter instability under nonconservative loads, configurational forces generated through bending, and snake locomotion.

**28.2.2022**

**live**

**Badoer**

**aula Tafuri**

**online Teams**  
**code 1ydyrl2**

**10 am**

