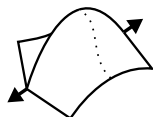# PhD openings in mechanics and adaptive structures
at Stony Brook University

Several fully funded Ph.D. positions are available in the Dynamic Structures Laboratory at Stony Brook University. The intended starting semester is **Spring/Fall 2021**.

A good applicant has a background in engineering, physics or math, and is passionate about mechanics and its application to structural systems at various lengthscales. An ideal applicant has also coding experience, likes "DIY" and/or arts&crafts and is open to writing in LaTeX.

At the moment, I am looking for students interested in:

- Nonlinear mechanics of flexible structures and shape-morphing systems

- Wave mechanics, nonlinear dynamics and metamaterials

- Adaptive structures

Regardless of the topic you are interested in the most, working with me you will be part of exciting research projects involving experiments, numerical modeling and simple yet mechanistically-insightful analytical models. Moreover, you will have the chance to expand/perfect your mechanics knowledge, to grow as an academic and to improve your communication and problem-solving skills, in an environment where the students' personal and professional growth is the top priority.

Why join us? Stony Brook University is a well respected research-intensive public school (SUNY system) located on Long Island, ∼1 mile away from the ocean and ∼1 hr away from New York City. The University has a strong legacy in Mathematics and Physics, and it co-manages the Brookhaven National Laboratory. The College of Engineering and Applied Sciences is rapidly expanding. Our Civil Engineering Department is relatively new and unbound by tradition, with a strong core of motivated young faculty looking to re-define civil engineering research and, in my specific case, to explore unconventional structural solutions.

For more information, please contact me (**Paolo Celli**, Assistant Professor) at paolo.celli@stonybrook.edu, specifying why you are interested in the position and attaching your CV, transcripts and the names and contact information of at least two references. Selected candidates will be contacted to schedule a video interview.