

Join the Smart Structures Lab!

Fully Funded Graduate Positions Available

Are you passionate about mechanics and cutting-edge research?
The **Smart Structures Laboratory** is looking for motivated Master's and PhD students to join our team!

◆ What do we do?

Our lab explores **bistable and multistable structures**, with applications in **Micro-Electro-Mechanical Systems (MEMS)**, **robotics** and **adaptive structures**. We combine **theoretical analysis, numerical simulations, and experimental testing** to gain deep insights to nonlinear dynamics, combined with electrostatic actuation, to find new phenomenon from which new applications can be developed, from multivalued and non-volatile mechanical memories/MEMS-based sensors with computation abilities to multivalued authentication devices, multivalued random number generators, and much more.

◆ Why join us?

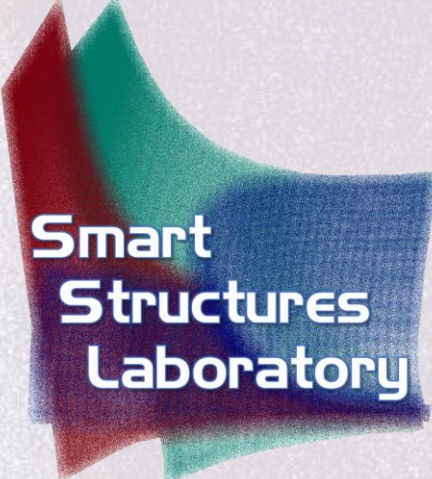
- ✓ **Competitive fellowships** – thanks to a prestigious **European Research Council (ERC) grant**, as well as a grant from the Ministry of Science & Technology, we offer **enlarged stipends** and strong research funding.
- ✓ **International collaborations** – including with the **University of Cambridge** and other leading institutions.
- ✓ **Exposure to theoretical modeling, numerical simulations, and hands-on experiments** – develop a well-rounded skill set.
- ✓ **Opportunities for publications and conferences around the world.**
- ✓ **A dynamic and supportive research environment.**

◆ Who should apply?

We're looking for outstanding students with backgrounds in **mechanical engineering, applied physics, or related fields**. Strong analytical skills and enthusiasm for innovation are key!

↓ Interested?

Contact me at medina@tau.ac.il for further details and enquiries. **Let's push the frontier together!**



Smart
Structures
Laboratory

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“Things are only impossible until they're not” – J. L. Picard