

**Wave Mechanics and Metamaterials Laboratory** seeks candidates with strong knowledge in magnetoelasticity, wave mechanics, finite element modeling (ideally of magneto-mechanical coupling), or strong experimental background in ultrasonics or magnetism (ideally knowing how to operate an electromagnet).

We are looking for highly motivated candidates with a strong interest in one of the Lab research areas: elastic-wave mechanics of magnetoactive composites, acoustic metamaterials, phononic crystals, nonlinear magnetoelastic materials, or passive non-Hermitian acoustics.

**Requirements:** the candidate should ideally have some knowledge in any of the following (or closely related): Wolfram Mathematica, COMSOL, Solidworks, nTopology, Labview, ultrasonics, acoustics, crystallography, nonlinear mechanics, or magnetism. The candidate should have (or about to earn) a master's degree in engineering (aerospace, mechanical, material) or applied physics and math. The position will remain open until filled.

**To apply:** e-mail Dr. Pavel Galich at [galich.pi@technion.ac.il](mailto:galich.pi@technion.ac.il) a **single** pdf containing:

1. CV/Resume and contact information of at least 2 references.
2. Copy of transcripts in English (and original language).

**The Technion is an equal opportunity employer. Women and underrepresented minorities are especially encouraged to apply.**

**Lab description:** <https://aerospace.technion.ac.il/wave-mechanics-and-metamaterials-laboratory/>

**Technion students** can request for an appointment, stop by Lady Davis 751, or simply wave at one of the Wave Mechanics and Metamaterials Laboratory members for informal inquires.