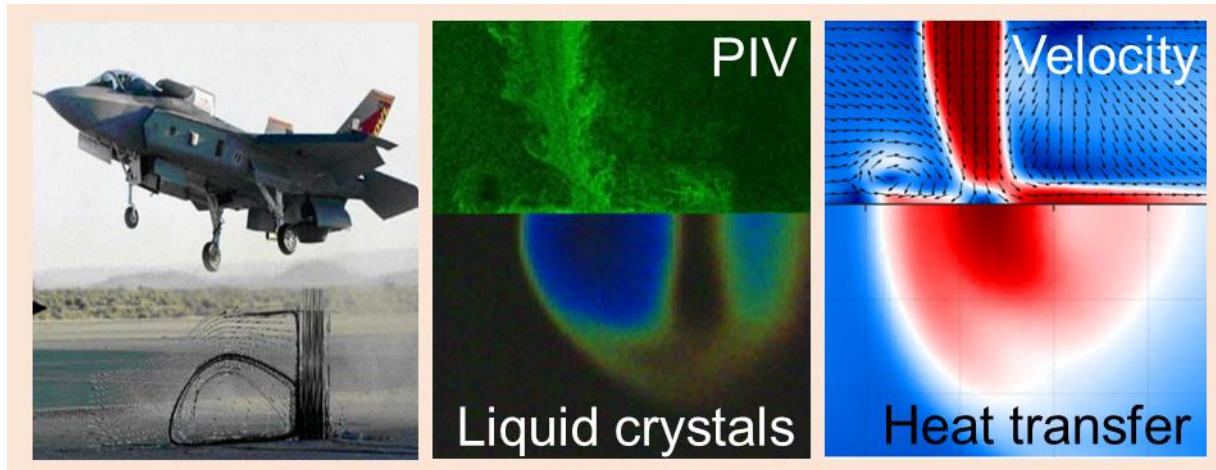


Multiple MSc/PhD positions

Research field: Applied & Fundamental Thermofluids

Degree: MSc/PhD



Description:

We invite applications for highly-motivated students to pursue research in the field of applied and fundamental thermofluids. The proposed projects will include experimental investigation of the coupling between near wall vortical structures and convective heat transfer augmentation. The duration of **MSc** project is **(6 months)** and the **PhD** project is 3.5 years (**42 months**). The successful candidates will receive competitive salary in the form of stipend in accordance to the graduate school regulations.

<https://graduate.technion.ac.il/en/scholarships-and-housing-2/scholarships/general-information/>

Requirements and Skills:

- **For PhD projects:** A master's degree (or exceptionally a four-year bachelor's degree) in Mechanical, Aeronautical, Aerospace, Civil Engineering, or related fields.
- Pre-existing knowledge in fluid dynamics and heat and mass transfer.
- Previous experience in measurement techniques is desirable.
- Basic knowledge of numerical methods. Knowledge of any programming language and/or commercial/open source computational multiphysics software (Comsol, Ansys) are an advantage.
- Fluent in English.
- Demonstrated ability to work within a highly collaborative research environment, good communication and organizational skills, and scientific initiative are paramount.

To apply, please e-mail a short cover letter, a detailed CV and grade transcripts to Asst. Prof. Alexandros Terzis (aterzis@technion.ac.il).