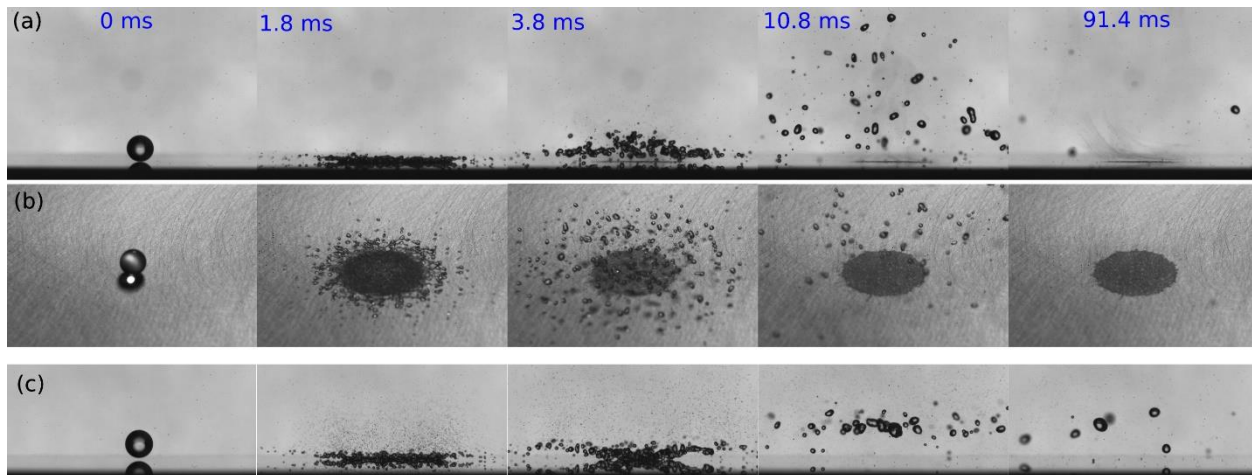


Multiple MSc/PhD positions

Research field: Droplet Dynamics

Degree: MSc/PhD



Description:

We invite applications for highly-motivated students to conduct research in the multi-disciplinary field of droplet-wall/film interactions. The proposed projects include experimental investigation of drop impact morphology and splashing characteristics of single- and/or multi-component droplets impinging onto engineered hydrophilic and hydrophobic surfaces, over a range of conditions. The duration of **MSc** project is **(6 months)** and the **PhD** project is 3.5 years (**42 months**). The successful candidates (MSc/PhD) will receive a 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 only:** 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.
- Previous experience in measurement techniques is desirable, but not mandatory.
- Basic knowledge of numerical methods. Knowledge of any programming language and/or commercial/open source computational multiphysics software 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).