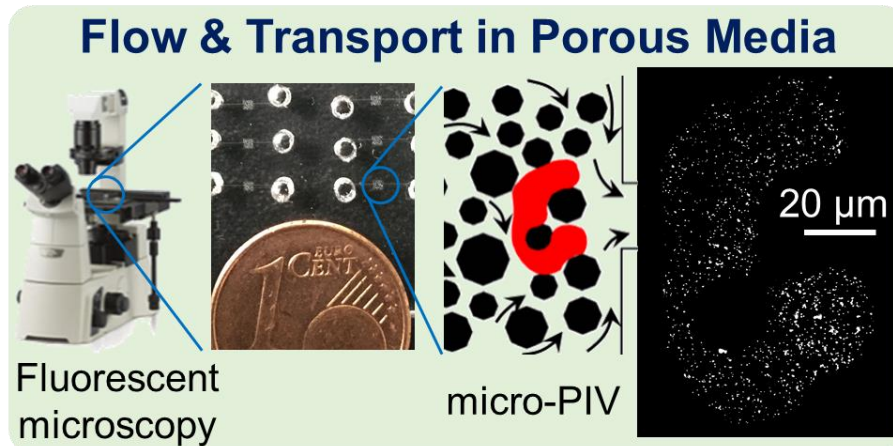


Multiple MSc/PhD positions

Research field: Flow and transport in porous media

Degree: MSc/PhD



Description:

We invite applications for highly-motivated students to pursue research in the broad field of flow and transport processes in porous media. The proposed projects will include experimental, numerical and theoretical investigation of multi-phase transport in deformable or multi-porosity media. 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, Chemical, Civil Engineering, or related fields.
- Pre-existing knowledge in fluid dynamics and heat and, ideally, mass transfer.
- 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).