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.


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**).