

# Postdoctoral research fellowships, Experimental & Theoretical Fluid Mechanics

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July 13th, 2022

Dear Colleagues,

We are inviting applications for Postdoctoral research positions in experimental fluid dynamics (two positions) and in theoretical fluid dynamics (one position) at the Department of Physics and the Department of Environmental Physics in Ben-Gurion University, Israel. The research will focus on the impact of friction on the flow and stability of non-Newtonian fluids, with implications to ice-sheet dynamics and stability, subglacial lubrication networks, ice rifts and climate change.

For the experimental Postdoc positions we look for candidates with experience in experimental fluid dynamics related to flows of low Reynolds number, non-Newtonian fluids, multiphase flows, PIV (stereo) measurements, LabView, Matlab/Python.

For the theoretical Postdoc position we look for candidates with experience related to low Reynolds number flows, nonlinear fluids, instability theory, thin films, interfacial flows, fracture mechanics.

Positions length 2 yrs (possible extension to a third year).

For applying please write to [roiy@bgu.ac.il](mailto:roiy@bgu.ac.il) with

- (1) Curriculum Vitae,
- (2) Research summary (not more than one page),
- (3) A list of at least three contacts that can provide reference letters.

Application deadline Aug 1st.

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[HTTP://WWW.BGU.AC.IL/~ROIY/](http://www.bgu.ac.il/~roiy/)