
August 2025

Postdoctoral Opportunity

Process Simulation & CO₂ Utilization

PI Lab – Technion, Israel

The PI lab is welcoming applicants with excellent track record to join our team as Postdoctoral Scholars. The position is available immediately.



Research Focus

The postdoctoral scholar will join the PI Lab at Technion to investigate innovative CO₂ utilization technologies. The work will involve process simulation, optimization, techno-economic analysis (TEA), and life cycle assessment (LCA) of emerging carbon conversion pathways.



Candidate Profile

- PhD in Chemical Engineering (awarded within the last 3 years)
- Experience in Process Systems Engineering
- Expertise in simulation, optimization, and control of chemical processes
- Proficiency with tools such as Aspen, HYSYS, gPROMS, Proll



How to Apply

Send your CV, cover letter, and contact details for 2–3 references to:

Email: michael@technion.ac.il

Visit our lab website for more information: www.pilab.technion.ac.il