

5th of March 2021

Master and PhD positions available in new spectroscopy and catalysis laboratory in a.o. carbon dioxide conversion

The Vogt Laboratory of Catalysis for Fuels of the Future is looking for excited, motivated Master and/or PhD students in topics in catalysis like CO₂ conversion to valuable fuels and chemicals, and ammonia synthesis from nitrogen.

You'll be a good fit if you have (at least) one of the following characteristics:

- BSc/MSc in Chemical Engineering, Materials Engineering, Chemistry, Physics, Computer Science, or something similar to those fields.
- Are motivated by the energy transition (society's shift from fossil fuel-reliance, to more sustainable ways of generating energy and materials).
- Are interested in figuring out how things work; why chemical reactions happen the way that they happen, and will be able to use that information to try to understand e.g. how we can tailor CO₂ to make more value-added products.
- Aren't afraid to work with your hands, work with gases, travel to synchrotrons (COVID-allowing), do some light wet-lab chemistry, and much dry-lab operando (in-situ) spectroscopy.
- Enjoy data analysis, some interest in coding is a plus (not a must).

Feel free to reach out to C.Vogt@technion.ac.il for any questions, or inquiries on what specific projects are available.