

## PhD position in CO<sub>2</sub> capture

A PhD student is sought to participate in a research project concerned with the development of novel CaO-based CO<sub>2</sub> sorbents.

The project is supported by the Swiss National Science Foundation. The specific PhD program will focus on the development of new CO<sub>2</sub> sorbents and gaining a detailed understanding of the underlying reaction mechanisms. The research will be undertaken in the group of Prof. Christoph Müller (ESE, D-MAVT, ETH Zürich).

The successful candidate will work on the synthesis, detailed characterization and testing of CO<sub>2</sub> sorbents as well as assist with scientific and technical reporting, and the presentation of results.

Applicants for this position are expected to have an excellent Master's degree in Chemical Engineering, Chemistry or Material Sciences. Experience in the field of material synthesis and/or material characterization tools is an advantage. We are looking for highly motivated, committed, and creative individuals, able to work in a team and with good communication skills. Working in a top-level research environment with advanced laboratory infrastructure, the candidate will have a unique opportunity to develop their research abilities.

The position is available from September 2016 onwards.

For further information please contact Prof. Christoph Müller ([muelchri@ethz.ch](mailto:muelchri@ethz.ch)). To apply please send your motivation letter, curriculum vitae, academic records and references to the email address specified above.

