

Department of Materials and Environmental Chemistry, Stockholm University
Stockholm, Sweden

PhD Student in Inorganic Chemistry

Deadline for application: 2021-11-05

Description

This project aims at structural investigation of microporous materials using aberration-corrected transmission electron microscopy. Structural investigation of these materials will be crucial in order to understand properties such as gas sorption and catalysis. For this purpose, methods such as 3D electron diffraction (3DED) and emerging imaging techniques in the aberration-corrected transmission electron microscope, e.g. integrated differential phase contrast and 4D STEM, will be exploited. The project will both aim at developing and applying methods in order to obtain new chemical knowledge.

Requirements

In order to meet *the general entry requirements*, the applicant must have completed a second-cycle degree, completed courses equivalent to at least 240 higher education credits, of which 60 credits must be in the second cycle, or have otherwise acquired equivalent knowledge in Sweden or elsewhere. Further details can be found in the advertisement (link below)

Contact

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More information

Link to announcement:

<https://www.su.se/english/about-the-university/work-at-su/available-jobs/phd-student-positions-1.507588?rmpage=job&rmjob=16032&rmlang=UK>