Ph.D. Position: Synthesis and characterization of porous adsorbent materials

The laboratory for functional inorganic materials (LFIM) is looking to hire a new PhD collaborator to be focused on the synthesis of porous adsorbent materials for small molecule adsorption and separation.

Applicant: The optimal candidate would have a BS/MS degree in Chemistry, Materials Science, or Chemical Engineering, a strong knowledge of hydrothermal/solvothermal synthesis of inorganic-organic materials (pure-organic synthesis is a plus), and an understanding of standard characterization techniques (including NMR, IR, XRD, Surface area measurements), porous adsorbents, and gas separations.

Location: The research will be carried out on the Chemistry campus of EPFL located in Sion, Switzerland while some of the course work will be carried out on the main EPFL campus located in Lausanne.

The candidate should be creative and productive and possess a high level of self-motivation. Excellent oral and written communication skills with a strong proficiency in English are also desired. Please send a detailed CV, the names of two references, and a page description of your research interests to Professor Wendy L. Queen via email: wendy.queen@epfl.ch.

It should be noted that this position requires acceptance into the EPFL doctoral program. Please refer to the EPFL website to apply, http://phd.epfl.ch/edch.