



Job Description

Heterogenous catalysis for sustainability

Position description

We are seeking for a highly motivated and skilled researcher to join our dynamic institution in the field in sustainable heterogeneous catalytic processes. The ideal profile would be an experimentalist with background in one or more of the following and with a focus on sustainability and modern trends in heterogeneous catalysis: synthesis of heterogeneous porous catalysts minimizing or avoiding the use of Critical Raw Materials, new forms of energy such as plasma catalysis, thorough physicochemical evaluation of materials and processes, assessment of catalytic performance in environmental applications, energy production and storage. Consideration will be given to researchers with experience in leading research institutions abroad, with a significant number of publications as first and corresponding author, and who have clearly demonstrated the ability to attract and manage competitive grants.

Keywords: Heterogeneous catalysis, synthesis of porous catalysts, environmental applications, energy production and storage, Critical Raw Material reduction of use, plasma catalysis, modern trends in heterogenous catalysis

Level of Position: Assistant Professor or Research (C level researcher). (In exceptional cases of candidates B level (Associate) may be discussed before opening the position).