

PhD fellowship

Centre de recerca en Ciència i Enginyeria Multiescala de Barcelona, <https://multiscale.upc.edu>



Design of catalysts are a millstone for the green energy production of the future. One of the keys to optimize the catalytic reaction is to maximize the catalytic surface, and this can be achieved reducing their size to the nanometric level. The goal of this project is to identify and better understand the active centres where the catalytic reaction takes place. The studied reactions will be related to processes important for energy production and environment protection.

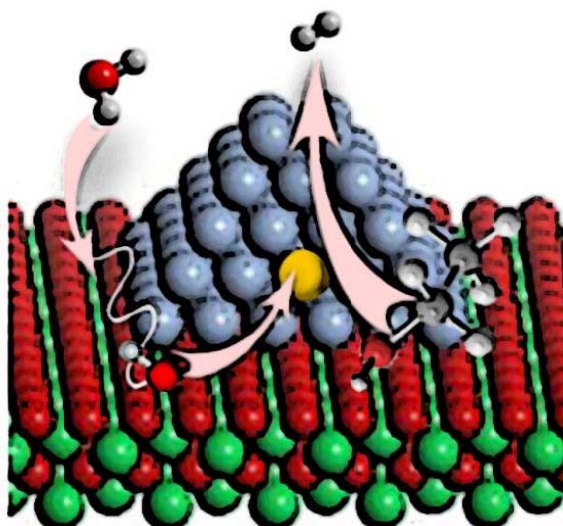
Who. We are searching a student with a degree in engineering, physics or chemistry, interested both in doing modelling and work in a laboratory.

How. Fellowship is devoted to the study of catalysts using both an experimental and a computer modelling approach. Specifically, the project will deal with catalytic reactions between gases and solids.

Where. The student will develop his/her project in Barcelona at the brand new Barcelona Research Center in Multiscale Science and Engineering, at the Besos Campus.

When. The deadline is on June the 31th, to start in July

Salary. The fellowship has a duration of three years, and the salary 20531€ per year (netto)



More information:

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