Postdoctoral Vacancy in Molecular Simulations in Nanostructured materials

This is a multidisciplinary group supported by the ERC through an ERC Starting Grant. Further details on the group are here: http://www.upo.es/raspa

Our research interests focus on the study and the design of multifunctional structured materials and complex molecules. We are interested on processes that combined with some kind of control at the molecular level will have far reaching implications, both in basic science and in technological applications

The appointment is for a period of 1 year with a possible extension up to another three years depending on performance.
Salary is 35.000 Euros gross per year

The candidate will be expected to:

✓conduct research on molecular simulations in porous materials,

✓develop and apply, algorithms, and methods to compute molecular properties in structured materials,

✓produce independent and original research in the area,

✓interact with the other members of the group.

The candidate should have:

✓a PhD in Physics, Chemistry or a closely related discipline,

✓strong background on computer simulations, thermodynamics and statistical mechanics,

✓good knowledge of FORTRAN and C++,

✓excellent communication skills in English and

✓at least four papers published in peer-reviewed international journals

Applicants who do not meet these conditions will not be considered.

Applications (CV and recommendation letters) will be submitted to Sofía Calero (scalero@upo.es)