Job title: PhD Studentship
Employer: CIDEMCO
Location: San Sebastián (Spain)

Description:

The Energy Efficiency Area at CIDEMCO, Technological Research Centre is seeking for a PhD student focused on ab initio simulations of semiconductors for photovoltaic applications.

We are looking for highly qualified students with strong background on solid state theory and density functional theory. The ideal candidate should:

- Have a degree in Physics or Chemistry.
- Solid knowledge in solid state physics/quantum mechanics/quantum chemistry.
- Programming skills (Fortran, C)
- Experience within UNIX, Linux
- Be fluent in English (read and spoken)

The successful applicant will work mainly at the Chemistry Faculty of the University of the Basque Country at San Sebastian and will develop a 3-4 year PhD thesis on computational modelling of semiconductor nanocrystals using first-principles quantum mechanical calculations.

CV’s should be sent to:

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