

## PhD position

Dept. of Electronics and Electromagnetism.  
Faculty of Physics  
University of Seville (Spain)

### “Fluidization of fine particles and nanoparticles”

The research activity will be focused on investigating the interaction of fluidized beds of fine particles and nanoparticles with externally applied electric and magnetic fields. A relevant application would be the enhancement of CO<sub>2</sub> adsorption by means of assisted fluidized beds of adsorbent nanoparticles.

Potential candidates must contact Prof. José Manuel Valverde ([jmillan@us.es](mailto:jmillan@us.es)) as soon as possible.  
Deadline for applications is expected about mid March 2011.

