

### **Opening of a PhD studentship**

Development and characterization of composite materials for hydrogen storage applications

The Department of Physical Chemistry of the Institute of Advanced Materials, Physicochemical Processes, Nanotechnology and Microsystems of the National Center for Scientific Research "Demokritos", is seeking a pre-doctoral researcher to work on hydrogen storage studies in porous and composite materials in connection with the «H<sub>2</sub>FC-Integrating European Infrastructure to support science and development of Hydrogen- and Fuel Cell Technologies towards European Strategy for Sustainable, Competitive and Secure Energy» project co-funded by European Commission.

#### **Qualifications**

Candidates must hold a Bachelors/Diploma degree in Chemistry, Chemical Engineering or a related discipline, as well as a Masters degree preferably in Materials Science. A good background in the synthesis/modification of materials as well as standard experimental practices and analytical techniques (spectroscopy, microscopy, calorimetry, etc.) is essential. Any additional experience in the characterisation of porous materials will be positively considered. The candidates should also be proficient in English (oral and written).

Applications including a full CV should be sent by e-mail to Dr. Theodore Steriotis, no later than **14 October 2012**:

Dr. Theodore Steriotis  
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