Opening of a Post Doctoral Position

Complex hydrides 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 an experienced Post-doctoral fellow to work on the **development and characterization of composite materials based on complex hydrides for hydrogen storage applications** in connection with the « Fast, reliable and cost effective boron hydride based high capacity solid state hydrogen storage materials» project co-funded by European Commission.

Qualifications

Candidates must hold a Bachelors/Diploma and a PhD degree degree in Chemistry, Chemical Engineering or a related discipline, and a good background in the synthesis/modification and characterisation of materials with emphasis on porous solids, complex hydrides and hydrogen storage processes. Extensive laboratory experience in spectroscopy (IR, MS), microscopy (SEM, TEM, etc.), thermal analysis (TGA, DSC, etc.) techniques as well as Schlenk line / glove box synthetic and analytical work is essential.

The candidates should also have a good publication record, experience in training PhD and Masters students, and excellent command of the English language (oral and written). Any additional experience in externally funded research projects and the preparation of technical reports will be positively considered.

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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