

Postdoctoral position at Institut des Matériaux Jean Rouxel (IMN-CNRS)

Within the 7th framework European programme, the team “Electrochemical storage and conversion of energy” of Institut des Matériaux Jean Rouxel (CNRS UMR 6502) offers a **post-doctoral position** for work on the EFFIPRO project (coordinator Pr. Truls NORBY from U. of OSLO, Norway) involving solid state chemistry and electrochemistry.

Scientific project:

This project comes within an actual context of development of technologies for both hydrogen energy production, storage and distribution. The high temperature Proton Ceramic Fuel Cell (PCFC) is one of the process under investigation dedicated to accelerate the use of fuel cells, reduce CO₂ emissions, promote the hydrogen society. The particular work of the candidate will be the **development of new classes of electrolyte and cathode materials for PCFC fuel cells.**

This project will progress within the frame of collaboration between several partner labs in Europe: UOSLO (Norway), ITQ (Spain), JÜLICH (Germany), Risø (Denmark) and IMN. Two industrial partners, SINTEF and CERPOTECH (Norway) open the consortium to development prospects directed towards the production of such new cell concept.

Further information can be obtained from the contact person.

Conditions:

Candidates with a PhD degree in solid state chemistry are welcome to apply. A background in electrochemistry will be appreciated. The position is available from June 1st, 2009.

Candidates are encouraged to send as soon as possible via E-mail their application including a CV.

Duration: 18 months

Salary: 1900 euros per month taxes free

Contact persons:

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Additional information about IMN and the CNRS can be found on www.cnrs-imn.fr and www.sg.cnrs.fr.