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from:
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Universities
Technical high schools
Companies
Private persons

Grimma, January 2003

"Marie Curie" industrie host fellowships
Search for suitable postgraduate young researcher or postdoctoral young researcher

Dear supporter,

As the biggest manufacturer of alkaline pressure electrolysers, we are able to construct systems that will supply hydrogen up to a pressure of 25 bar, in a range from 1 to 120 Nm^3/h Hydrogen. We feel hand in hand with such renewable energy research there comes a responsibility for the younger generation and so we are taking part in the EU Fellowship project "MARIE CURIE". Under these circumstances we can offer a good opportunity for freshly graduated and competent, engineers or doctors (male or female). The person will be working in the high-tech field of hydrogen fuel cells and electrolyser technology in our facility in Oevel (50 km northeast from Brussels, Belgium) or Grimma (35 km east of Leipzig, Germany).

As we are a company with several offices worldwide (Belgium, Germany, Canada, India, Brasilia, China and Russia) there is also a large possibility to find a suitable location after the successful termination of the fellowship project.

Please consider this a while and recommend to us one or more persons which you would imagine to be suitable for and interested in, such a task.

Please also give us contact details of persons who will terminate their studies within the coming year(s) as this project will be available for suitable persons until 2006.

The following page is suitable for informing your students / engineers / doctors by copying it for distribution or as a notice in your showcase.

Yours,

Christian Machens
(Project Manager)

WE ARE LOOKING FOR POSTGRADUATES AND POSTDOCTORATES WHICH WILL TAKE THE OPPORTUNITY OF A "MARIE CURIE" FELLOWSHIP FUNDED BY THE EU

If you know what ***hydrogen*** means for the future, we have a future for you in Vandenborre Technologies! We are the worlds leading electrolyser company an have a special focus on research and technological development in on-site hydrogen production and applications through water electrolysis. In order to keep up with the growing demand for technological innovations in this field, we are enlarging our research team in Oevel, Belgium.

We are looking for scientists with experience in physics and in electro mechanics, to start on a 2-year fellowship sponsored by the European Commission, but with prospect of a long-term research engagement.

Your tasks:

- Supportive research in achieving an integrated electrolysis/fuel cell system, powered by renewable energies, that is a reversible fuel cell with capacity up to 100 kW.
- Research topics also entail: membranes and stacks, hydrogen storage, contamination of hydrogen, power and control electronics.
- Research consists of experimental work (test applications), setting up, elaboration, evaluation, discussion and reporting on experiments (including international articles), preliminary design

Requirements:

- graduation or doctorate in the above mentioned fields
- Maximum of 1 year industrial experience
- Experience in industrial gases is a plus but not essential
- Computer skills and good knowledge of the usual analysis and design software is needed
- You are a team player, broadly oriented and interested, flexible, independent and co-operative, enterprising and have the drive to grow with the company
- English speaking

If you are interested or need more information please feel invited to contact me directly:

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