

2 Open positions at IMOMECE (Hasselt, Belgium)

Belgium : PhD and Post Doc positions Chemical and Material Engineering towards Organic Electronics at IMEC- Imomec Associated Laboratory

The Institute of Material Research (IMO-IMOMECE) at the University of Hasselt in Belgium comprises several research groups active in the study, characterization and synthesis of new advanced materials for **Organic Electronics**. IMOMECE is an associated laboratory of IMEC, the largest independent research center in Europe on Microelectronics. The institute has a very active general program in "Plastic Electronics", from synthesis of materials till developing prototypes of devices, e.g. transistors, organic solar cells, biosensors, etc. In this context there is also a strong international collaboration with leading groups throughout Europe and not only with research institutes but also with the industry.

Duration: 2 years, renewable with 1 or 2 years depending on the amount of results available for the PhD thesis - starting from March 1st, 2011

Salary: The wage is based on an employment contract for said period. For EU citizen the employment contract includes also contributions for social security, health insurance and pension rights.

Research activity: Research is focused on the synthesis and characterization of functionalized conjugated oligomers and polymers for Polymer Solar Cell applications and/or biosensors. The novel materials might be also used in functionalized ink formulations.

How to apply: Please send your application to
Prof. dr. Dirk VANDERZANDE and Dr Laurence LUTSEN

Dirk.Vanderzande@uhasselt.be

Laurence.Lutsen@imec.be

Application deadline: March 1st, 2010

PhD position

Required experience: Master Degree in Chemistry, Industrial Chemistry, Material Science, Engineering or related disciplines (to be obtained before December 31st, 2010). Good knowledge of the English language.

Experience in experimental research performed at undergraduate level, especially if dealing with synthesis of organic compounds and/or ink formulations, will be beneficial. In addition, the candidate should be strongly motivated, possess good communication skills and be able to work as part of a team.

Post-doc position

Required experience: University degree (doctor) in organic chemistry, polymer chemistry.

Good knowledge of the English language

Experience in experimental research, especially if dealing with synthesis of organic compounds, conjugated polymers and/or ink formulations, will be beneficial. In addition, the candidate should be strongly motivated, possess good communication skills and be able to work as part of a team.