

**Postdoctoral position (available in March 2009) in Polymer Chemistry:  
Donor-Acceptor Copolymers for Plastic Solar Cells**

The Laboratory of Organic Polymers Chemistry (LCPO) from the University of Bordeaux 1 is pleased to open a postdoctoral position in the framework of the GIS network "Advanced Materials in Aquitaine".

Profile:

Candidates should have a Ph.D. in polymer chemistry, experience in synthesis and characterization of conjugated polymers and/or copolymers, and good skills in photovoltaic devices.

Expectations:

The candidate is expected to develop an innovative experimental research project on the synthesis and characterization of 'donor-acceptor' copolymers within the framework of the GIS project. This work will be conducted in collaboration with the IMS institute (within the same building) regarding the optoelectronic properties and the fabrication and characterization of photovoltaic devices.

Scientific context:

The project will focus on the synthesis of a new generation of 'donor-acceptor' copolymers that can self-assemble into domains to form an organic heterojunction. The main idea is to control the morphology of the active layer of organic solar cells and thus to improve drastically their performances.

Salary: Applicants can expect a salary of ~ 2100€/month after tax.

Duration: The position is for duration of one year.

Application: The application file should be composed of a cover letter, a curriculum vitae, a list of publications, and at least two letters of recommendation, and should be filled before December, 31st 2009.

Starting date of the postdoctoral fellowship: January, 1st 2010

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