



JOB DESCRIPTION

Job Title : Postdoc position on Synthesis of *n*-type conjugated polymers for optoelectronics

Job Summary :

(English, max 1000 characters)

The successful candidate will develop new and innovative *n*-type organic polymers for organic solar cells and thermoelectric devices. A particular attention will be devoted to the nature of the solubilizing side-chains in order to improve the structural properties and solid-state order, in combination with either dopants or electron donor materials.

Job Description :

(English, detailed information – max 3000 characters)

WARNING: Please indicate the name of the research lab, group leader and supervisor.

A position of postdoctoral researcher is open in the PolyFun team at the Institute for Chemistry and Processes for Energy, Environment and Health (ICPEES, CNRS-UdS UMR 7515) at the University of Strasbourg, France. The Institute is located on the Cronembourg campus, in an internationally renowned research environment.

The PolyFun team focuses on the synthesis and characterization of innovative organic semiconducting materials for various optoelectronic applications (<http://icpees.unistra.fr/ingenierie-des-polymeres/synthese/publications/>).

We provide the opportunity to work in a highly dynamic environment with top-level collaborations allowing to characterize in depth the optoelectronic, structural and applicative properties of these new materials.

In addition, we offer competitive remuneration, mentoring and long-term career opportunities within the application for a permanent position at CNRS.

Please send by email (with “postdoc application IdEx” as subject), your motivation letter and CV (including a list of publications and 3 academic references) to Dr. Nicolas Leclerc (leclercn@unistra.fr)

Main research field :

WARNING: Please select, trying to be specific, using 'Other' or 'All' will decrease your Job Vacancy visibility

Chemistry / Material Science

Offer Requirements : You are a highly motivated PhD with a strong background in organic/macromolecular chemistry, have a solid track record of publications. You have excellent communication skills in written and spoken English.

Eligibility criteria :

Have defended your PhD in 2017 at the latest

JOB DETAIL

Type of contract : fixed term contract (18 months)

Status : Postdoctoral position

Company / Institute : Institute for Chemistry and Processes for Energy, Environment and Health, University of Strasbourg

Country : France

City : Strasbourg
Postal Code : 67087
Street : 25 rue Becquerel

APPLICATION DETAILS (mandatory)

Provisional start date : 01/01/2022
Application deadline : 30/06/2023
Application e-mail :leclercn@unistra.fr WARNING: This is the contact e-mail for applicants