
Research Engineer/Postdoc temporary position (2 months) in Polymer Physico-chemistry

Nanostructured polymer for 3D printing

Project description/Duties:

The global ANR project proposes to develop block copolymer nanostructured materials with the final objective to transfer these polymeric materials to a 3D printing process. This is a trans-sectorial collaborative project between IPREM (Pau), Arkema Company (Lacq), CANOE platform (Bordeaux) and IS2M laboratory (Mulhouse). More specifically, the contract task will be dedicated to the implementation of a self-assembly process in a specific 3D printer.

Host Lab: IPREM is a joint Research Unit CNRS/UPPA (UMR 5254) partly located in Pau, France. IPREM has an extensive and highly competitive research program that encompasses fundamental research multidisciplinary fields. The polymer platform (PolyCats) of IPREM offers a pool of cutting-edge instruments for polymer material characterizations. The position will be located at IPREM/Pau (Technopole Hélioparc).

Requirements:

- To be eligible for the research employment, the candidate must hold a master or a PhD degree in polymer physico-chemistry, polymer physics or polymer chemistry.
- Experience (during practical or training) in block copolymer self-assembly, polymerization and microscopy (e.g. AFM) will be appreciated.
- The applicant should have good command of spoken and written English.

Additional qualifications:

Importance will also be placed on personal skills such as good communication oral and written skills. We place a particular importance on the ability to work as part of a team in a multidisciplinary research environment. The project is a task of a larger collaborative project, so the ability of the candidate to work independently and to take responsibility will be required.

Application:

A person with a master or PhD degree is particularly eligible for the position. The application should include (as a single pdf file):

- A full CV
- Copy of the last diploma (with ranking and marks in case of master degree)
- A motivation letter describing the applicant's previous research experience and how it is related to the present position (one, or maximum two pages) is also required.
- Contact details of two references

Send the required documents to: laurent.rubatat@univ-pau.fr.

The application will be evaluated based on the following criteria:

Appropriate education and work/research in related fields. Candidate motivation, knowledge, scientific maturity and curiosity. Emphasis will also be placed on personal skills. Selected candidates will be interviewed.

Starting date: October 2024 or as otherwise agreed.

Type of position: Full-time temporary position for 2 months.

Please submit your application by the 16th of August 2024