

Job offer:**Post-doctoral position, microstructural and thermal analysis of complex polymer systems**

Type of contract: Temporary (12 months)

Job status: Full time

Annual gross salary: from 25 up to 35 K€

Company/Institution: University of Rouen Normandy

Location : St Etienne du Rouvray - France

Research field: Physics- Soft matter, materials -Chemistry

Type of job: Research and development engineer

Application deadline : 30/09/2018

The job position will take place in the GPM laboratory, team EIRCAP, of the University of Rouen Normandy.

GPM: The « Groupe de Physique des Matériaux (GPM) UMR 6634» is a laboratory associated to the CNRS, the University of Rouen and INSA of Rouen. The laboratory is member of the Institute of Physics (INP) and the Institute of Engineering Sciences and Systems (INSIS) *via* the CNRS. The laboratory is located in the Science Faculty building of the University of Rouen campus Technopole du Madrillet (south of Rouen). The laboratory managed by Philippe Pareige full professor at the University of Rouen, has around 130 employees (55 researchers, professors and assistant-professors, 20 engineers, technical and administration supports, 40 PhD students, 15 post-doc, invited researchers and trainees (license and master students).

The laboratory is worldwide known for its research on the scientific instrumentation, metallurgy, nanoscience and polymer materials fields.

<http://gpm.univ-rouen.fr/>

EIRCAP: The team is constituted by 8 permanent employees, 6 PhD student, 3 post-doc and several invited researchers and trainees. The research topics are focused on the evolution of properties of complex materials, more particularly the thermoplastic polymers, the biopolymers and composites, with time and under thermal/mechanical stress conditions.

Mission:

The job position is for 12 months and is associated to an ongoing project between an aerospace company and a group of public and private laboratories. The financial support is given by the European Union (FEDER) and the Normandy Region.

The confidential topic is based on the characterization and optimization of complex polymer systems.

Applicant profile :

PhD holder and/or post-doc in materials science, specialized in polymer materials, physical properties, surface modifications, physical and chemical aging.

Experimental skills in: DSC, TMDSC, BDS, DMA, TGA, Mechanical testing, DRX, electronic microscopy.

Applicants are requested to send CV and recommendation/motivation letters to the following address:

eric.dargent@univ-rouen.fr