Tenure-Track Full Professor in Polymer Chemistry at the University of Haute-Alsace (France)

The University of Haute-Alsace invites applications for a 6-year tenure-track Full Professor position to begin in Fall 2022. The professorship will be assigned to the CNRS Institute of Mulhouse Science Materials (IS2M). Applications will be accepted from candidates whose research interests are in any area of polymer synthesis and polymer chemistry.

Primary Duties and Responsibilities

- Teach 42 h of courses (or 64 h of lab courses) per year. The candidate will be expected to teach undergraduate classes such as Introduction to Chemistry with lab courses, as well as other graduate courses in polymer science and engineering.
- Build an independent and internationally visible research program. All areas in polymer chemistry/synthesis will be considered, but it is anticipated that applications in these specific areas will be preferred: - new polymerization strategies for the synthesis of next-generation polymer materials with controlled architecture, functionality and dispersity - Chemical recycling of polymer wastes by (photo)polymerization processes. - Smart polymeric materials responding to radiation. A startup budget of 300,000 € will be allocated including 120,000 € for PhD student (3 years) and 100,000 € for postdoc (2 years). In addition, the access to a fully equipped macromolecular lab (FTIR, SEC, UV-Vis, Schlenk lines, chemical reactors, etc.) is made available with the assistance of an experienced engineer skilled in macromolecular synthesis and characterization.
- Develop collaborative research programs with researchers of IS2M.
- Secure external funding from private, national and international entities to sustain in the future a high level of research and scholarship.
- Contribute to the mission of the university and scientific community through professional service.

Required Qualifications

- Completion of a PhD in Polymer Chemistry or postdoctoral (industrial) experience in this field;
- Postdoctoral research experience of a minimum of 3-4 years (or comparable industrial experience).

Preferred Qualifications

- Record of successful team work in a collaborative environment;
- A commitment to conducting research with graduate (PhD and MS) and undergraduate students;
- Strong interpersonal and communication skills;
- Excellent command of English; thorough knowledge of French would be a plus.

How to Apply

To prepare the official application (additional instructions will be provided shortly), the candidates should submit to the host institution by March 15, 2022: a letter of application, CV, summary of research plans (up to six-pages) including the independent project, summary of teaching experience, and two confidential letters of reference. The documents must be submitted to Prof. Vincent Roucoules (director of IS2M) at vincent.roucoules@uha.fr.

About the department

IS2M (https://www.is2m.uha.fr/en/home-2) is a research institute under the supervision both of CNRS and Haute-Alsace University (UHA). It currently gathers around 170 members, including faculty members, CNRS researchers, engineers, technical and administrative staff, post-doctoral fellows and PhD students. IS2M conducts multidisciplinary research in materials science and its expertise is

especially renowned in the fields of the chemistry and physics of surfaces and interfaces and of porous materials. Its scientific activity covers a wide domain from fundamental to applied research, ranging from the conception and the optimization of materials and nano-materials (polymers, carbons, ceramics, oxides, semi-conductors, biomaterials…) to their industrial valorization. Fundamental research conducted at IS2M is strongly related to projects of strong industrial and socio-economic potentials in a large variety of application domains (energy, automobile, aeronautics, aerospace, food-processing, cosmetics, environment, microelectronic, biomedical…). IS2M is divided into eight thematic research axes. The tenure tracked professor will be involved in the "Functional Polymers Engineering" research axis (https://www.is2m.uha.fr/en/functional-polymers-engineering/).

Salary

The tenured professor will receive a minimal annual gross salary of 41,331 euros. The salary will be commensurated with education and experience.

Promotion to Tenure

The tenure track Junior Professor position is for a duration of 6 years. At the end of this period, a permanent full professor position may be proposed to the candidate upon examination of research and teaching record, including teaching statement, publications, funding, and collaborative projects.

For additional information please contact Prof. Vincent Roucoules (director of IS2M) at vincent.roucoules@uha.fr.