



Chimie ParisTech
11 rue Pierre et Marie Curie
75231 Paris Cedex 05
01 85 78 41 00
www.chimieparistech.psl.eu

Job description

Job Profile for Research/Study Engineer at IRCP Chimie ParisTech F/H

Categorie	A
Position	The job will be under the supervision of Dr. Fan Sun, Researcher at Chimie-Paristech.
Quota	100%
Location	IRCP UMR, 11 Rue Pierre et Marie Curie, 75005, Paris.

CONTEXT

Chimie ParisTech-PSL offers a unique and comprehensive programme of excellence, from bachelor's to doctorate level, while conducting cutting-edge research covering the entire spectrum of chemistry. Ranked with PSL University as the top French university in the THE (Times Higher Education) ranking and second in the Shanghai ranking for 2022, the school trains general chemical engineers with a keen sense of innovation. Chimie ParisTech-PSL is developing numerous industrial and academic partnerships at both national and international level.

The ENSCP employs around 150 people: teacher-researchers, lecturers, doctoral students, post-doctoral students, part-time lecturers and support staff.

KEY RESPONSIBILITIES

- Operate the Scanning Electron Microscope (SEM) for advanced material studies.
- Investigate the microstructure, defects and chemical compositions of metals, alloys, and medical implants using ex-situ and in-situ methods.
- Assist in routine maintenance and troubleshooting of SEM equipments.

SKILLS AND QUALIFICATIONS

- Master's degree in Material Science and Engineering or relevance.
- Basic knowledge of electron microscopy and hands-on experience with SEM operations.
- Proficient in communication and teamwork, capable of performing simple electronic repairs and mechanical tasks such as welding, component replacement, and custom sample holder design.
- Fluent in English, both spoken and written.

EXPERIENCE

- Up to 3 years of relevant experience, particularly with SEM operations.

EDUCATION

- Minimum of a Master's degree in Material Science and Engineering, Biomaterials and Implants.

PERSONAL QUALITIES

- Strong communication and teamwork skills.
- Skillful in manual tasks and repairs, with a careful and patient approach to handling small and delicate samples.
- Ability to perform repetitive tasks such as micro-feature searching and image capturing effectively.

GOALS AND OBJECTIVES

- Train to independently manage the SEM platform, prioritizing support for LVD Biotech R&D projects.
- The role is initially for a 2-year period with annual contracts, renewable based on performance evaluations at the end of the first year.

MORE INFORMATIONS

Commensurate with the qualifications and experience of the candidate, equivalent to the pay scale of an 'Ingénieur d'Étude' or 'Ingénieur de Recherche' of CNRS France.

Recruitment : Position open to contract staff

Contact : recrutement@chimieparistech.psl.eu