



Looking for a new challenge in Science?

Join the ESRF, the European Synchrotron!

The ESRF, the European Synchrotron, is an international research facility based in Grenoble, France. Thanks to high-level, innovative engineering and cutting-edge vision, the ESRF is recognised as one of the top research institutions worldwide, welcoming more than 6 500 scientists every year in fields such as biology, medicine, chemistry, earth and environmental sciences, cultural heritage, materials and surface science, and physics. The ESRF is supported by 21 countries and employs 600 staff.

We are currently seeking to recruit a:

Post-doctoral Fellow

for the Partnership for Soft Condensed Matter

Time-limited position
ref. PD/PSCM

JOB DESCRIPTION

You will participate in ongoing in-house research programmes, the operation of the PSCM Laboratories, providing support to external users, and develop your own research programme.

The PSCM mission is to support ESRF and ILL users who need to combine synchrotron and neutron experiments with on-site off-beamline complementary laboratory characterization techniques such as optical microscopy, rheology, interface tensiometry, UV-vis spectroscopy, light scattering, etc.

The focus of this post lies in the area of **Atomic Force Microscopy (AFM)**.

You will provide user support on three different lab-based commercial AFMs and contribute to the mentoring of PhD students, apprentice technicians and trainees. You will participate in the ongoing in-house research programme focused on interfacial nanoparticle self-assembly and will be encouraged to develop your personal AFM-centred research programme in emerging areas of soft condensed matter, materials science and bio-physics. Methodological developments include the coupling of nano-calorimetry with commercial and custom-made AFMs.

Further information may be obtained from Diego Pontoni (tel.: +33 (0)4 76 88 28 17, email: pontoni@esrf.fr).

PROFILE, SKILLS AND EXPERIENCE

- PhD in physics, chemistry, biophysics, or closely related science obtained less than 3 years ago
- A strong background in Atomic Force Microscopy is essential
- Proficiency with other complementary laboratory techniques is desirable
- Ability to interact with multi-disciplinary staff and facility users
- English proficiency (working language at the ESRF)

WORKING CONDITIONS

Contract of 18 months, renewable for a further 6 to 18-month period.

The annual gross salary will be 41,8 k€ and additional allowances may apply.

The ESRF is an equal opportunity employer and encourages diversity.

If you are interested in this position, please apply on <http://www.esrf.fr/Jobs> by 10 October 2016.