

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:

Beamline Scientist

for the X-ray nano-probe group, ID16B beamline

Time-limited position (5 years maximum)*
ref. 2194

JOB DESCRIPTION

You will play a major role in the operation and further development of the ID16B beamline as well as in the other activities of the group.

ID16B provides beam sizes from 50 nm to 1 μm in the energy range of 5-70 keV, giving significant emphasis to *in-situ* experiments. ID16B is dedicated to hard X-ray nano-analysis, consisting of the combination of X-ray fluorescence, X-ray absorption spectroscopy, X-ray diffraction and 2D/3D X-ray imaging techniques. The station enables world-leading research across a wide range of scientific disciplines from earth and environmental science to life science and materials science.

As a Beamline Scientist, your missions include:

- Providing scientific and technical support to users in areas such as bio-medicine, materials for energy, nanotechnology
- Fostering and expanding user and in-house scientific activities. Innovative programmes on X-ray computed tomography, diffraction and/or fluorescence-based techniques will be strongly encouraged

Further information may be obtained from Tobias Schüllli (tel.: +33 (0)4 76 88 22 80, email: tobias.schulli@esrf.fr) or Jean Susini (+33 (0)4 76 88 21 24, email: susini@esrf.fr)

PROFILE, SKILLS AND EXPERIENCE

- PhD and several years of postdoctoral experience in physics, biology, geology or a related discipline
- Relevant synchrotron research experience in X-ray spectro-microscopy, X-ray imaging and/or X-ray diffraction techniques is essential
- A background in tomography data processing or XAS analysis will be considered an asset
- Good communication abilities are essential to integrate into a multidisciplinary and international research team. Project management skills will be an asset.
- Proficiency in English (working language at the ESRF)

WORK CONDITIONS

The monthly salary may be complemented by additional allowances upon eligibility. The ESRF is an equal opportunity employer and encourages diversity.

*Appointments are for a fixed period of up to 5 years. However, applicants with outstanding credentials may be considered for a permanent appointment.

If you are interested in this position, please apply on <http://www.esrf.fr/Jobs> by 9 July 2017.