



Looking for a new challenge in Extreme Conditions 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 new High Pressure Crystallography beamline ID15B

Time-limited position
ref. PDID15B-1

JOB DESCRIPTION

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

The experimental station ID15B, replacing ID09A, is currently under construction. It will become one of the most advanced beamlines for structural investigations at high pressures. A well-equipped sample preparation laboratory, a Raman system and facilities for low and high temperature measurements and for laser annealing are available. Research is focused on the accurate determination of structural parameters at high pressures using angle-dispersive single crystal and powder diffraction with a state-of-the-art area detector. You will be encouraged and supported to develop your own research, which should exploit the exceptional beamline capabilities.

Further information may be obtained from Michael Hanfland (tel.: +33 (0)4 76 88 26 88, email: hanfland@esrf.fr).

PROFILE, SKILLS AND EXPERIENCE

- PhD in chemistry, physics, geophysics, or a closely related field, obtained less than 3 years ago
- You should have good experimental skills and experience in X-ray diffraction and high-pressure experiments using diamond anvil cells
- Experience in crystallography and with synchrotron radiation is desirable
- Ability to interact with multi-disciplinary staff and facility users
- Proficiency in English (working language at the ESRF)

WORK 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 June 19th 2016.