EUROPEAN SYNCHROTRON RADIATION FACILITY
INSTALLATION EUROPEENNE DE RAYONNEMENT SYNCHROTRON

ESRF

The ESRF is a multinational research institute, situated in Grenoble, France and financed by 21 countries mostly European. It operates a powerful synchrotron X-ray source with some 30 beamlines (instruments) covering a wide range of scientific research in fields such as biology and medicine, chemistry, earth and environmental sciences, materials and surface science, and physics. The ESRF employs about 600 staff and is organized as a French *société civile*.

Within the Experiments Division, the Dynamics and Extreme Conditions group is now seeking to recruit a:

Beamline Scientist (m/f)

for the High-Pressure Beamline ID27

FUNCTION

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

Beamline ID27 is a premier X-ray powder and single crystal diffraction station primarily dedicated to research at extreme pressures and temperatures. The combination of high resolution XRD and advanced sample environments (Paris-Edinburgh large volume press, double sided laser heated diamond cells and Helium cryostats) opens up many new possibilities in the study of matter at very high pressures and temperatures. The successful candidate will play a major role in the running and further development of the High-Pressure beamline. User support will be a key activity which will provide much opportunity for collaborative work at the frontiers of the field. Beamtime will be set aside for in-house research and the beamline scientist will be given the opportunity to develop his own research programme in close collaboration with the beamline team. As a beamline scientist, you will be co-responsible for the sustained technical upgrading and development of the instrument which is essential to meet the high expectations of the user community.

QUALIFICATIONS AND EXPERIENCE

You should hold a first degree and Ph.D. in physics, geophysics or materials science. You will be expected to have already conducted and published a significant amount of research work. Experience with high-pressure techniques and good experimental skills are essential. Synchrotron radiation experience, more particularly in diffraction techniques, is also very desirable.

OUR OFFER

The working language of the ESRF is English. Further information on the post can be obtained from Mohamed Mezouar (tel.: +33 (0)4 76 88 25 15, email: mezouar@esrf.fr). For further information on employment terms and conditions, please refer to http://www.esrf.fr/Jobs/Conditions. The ESRF is an equal opportunity employer and encourages applications from disabled persons.

Appointments are for a fixed period of up to 5 years.

If you are interested in this position, please apply on-line at this address: http://www.esrf.fr/Jobs.

Ref. 2192 - Deadline for returning application forms:

15 September 2014

ESRF, Personnel Service - Recruitment
BP 220, F-38043 Grenoble Cedex 9, FRANCE