



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 *Electronic Structure, Magnetism and Dynamics* group is now seeking to recruit a:

Post-Doctoral Fellow for the Inelastic Scattering Beamline ID20

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 ID20 is dedicated to resonant and non-resonant Inelastic X-ray Scattering (IXS). The research programme focuses on the study of the electronic structure in a large variety of systems ranging from strongly correlated electron systems to liquids and gases.

You will be encouraged to develop your own research projects, which should exploit the unique beamline capabilities. You will also join in the effort of the team to optimize the performance of the experimental end-stations and to develop experimental techniques based on inelastic X-ray scattering. User support will provide much opportunity for collaborative work at the frontiers of the field.

QUALIFICATIONS AND EXPERIENCE

You should hold a first degree and Ph.D. in physics, chemistry, materials science, or a related discipline. Experience with synchrotron radiation and background in x-ray physics and/or high pressure techniques is highly desirable.

Your communication skills enable you to integrate a multidisciplinary and international research team.

OUR OFFER

The working language of the ESRF is English. Further information on the post can be obtained from Marco Moretti Sala (tel.: +33 (0)4 76 88 22 42, email: marco.moretti@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.

Contract of 18 months, renewable for a further 6 to 18 month-period. Only candidates holding a Ph.D. obtained less than 3 years ago are eligible for Post-doctoral positions.

The annual gross salary will be 41k€.

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

Ref. PDID20-1- Deadline for returning application forms: 14 December 2015