



The ESRF is a multinational research institute, situated in Grenoble, France and financed by 19 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 and Magnetism Group is now seeking to recruit a:

Post-doctoral fellow (m/f) for the ID08 soft X-ray beamline

THE FUNCTION

You will participate in ongoing in-house research programs, the running of the Beamline and providing support to external users as local contact.

In particular, you will join in the effort of the group to upgrade the performance of the experimental end-stations and to develop experimental techniques related to studies of the magnetic and electronic structure of materials. The important techniques used at the beamline are soft X-ray magnetic scattering, photoelectron spectroscopy, magnetic circular dichroism (XMCD) and resonant inelastic x-ray scattering (RIXS). The emphasis in the coming years will be on the latter two techniques as part of the ESRF Upgrade Program with a new beamline due to be built in the second half of 2013. You will also be encouraged to develop your own research projects, which should exploit the unique ID08 beamline capabilities (for further information about the ID08 please look at: <http://www.esrf.fr/UsersAndScience/Experiments/ElectStructMagn/ID08/>).

QUALIFICATIONS AND EXPERIENCE

You should hold a PhD in chemistry, physics or closely related science. A strong background in surface science techniques or soft x-rays is desirable.

ADDITIONAL INFORMATION

The working language of the ESRF is English. Further information on the post can be obtained from Nick Brookes (tel.: +33 (0)4 76 88 24 39, email: brookes@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.

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

**Ref. PDID08-2- Deadline for returning application forms:
23 January 2012**