



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*.

## **Junior Scientist (m/f) for X-Ray Imaging in Palaeontology**

**time-limited contract**

### **THE FUNCTION**

You will work on absorption and phase contrast microtomography, with the main scientific emphasis on applications in palaeontology. You will be integrated in the X-ray Imaging Group to work mainly on beamline ID19 (and occasionally on other beamlines of the X-ray Imaging Group). In addition to palaeontological experiments and to your in-house research project, you will participate in support activities for academic and industrial experiments (operation and development) in close collaboration with the beamline scientists. As a local contact, you will assist visiting scientists in conducting their experiments. This offers opportunities for collaborative work with leading scientists and laboratories in forefront research.

### **QUALIFICATIONS AND EXPERIENCE**

You should hold a doctorate in palaeontology or other appropriate science, and have experience with X-ray tomography and 3D processing. A previous knowledge of synchrotron microtomography, phase contrast imaging, and programming for image processing and analysis, is an obvious asset. Fixed-term contract of 12 months.

**Ref. 2428 - Deadline for returning application forms:  
21/08/2011**