

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 22 countries and employs 650 staff.

We are currently seeking to recruit a:

Beamline Scientist in Medical Physics

Time-limited position (5 years)*
ref. 2186

JOB DESCRIPTION

You will play a major role in the operation and further development of the ID17 medical beamline as well as in the other activities of the *Complex Systems and Biomedical Sciences* group.

ID17 is the leading beamline in Europe for medical applications of synchrotron radiation. The current beamline activities focus on functional and anatomical imaging, radiation biology and clinically-oriented radiotherapy. New programmes on the use of Micro-beam Radio-Therapy (MRT) in radiotherapy and radiosurgery are currently being developed with the mid-term objective of a full clinical trial programme.

As a Beamline Scientist, your missions include:

- Providing scientific leadership in the field of medical applications of synchrotron radiation and ensuring coordination of the current and new research programmes in collaboration with external partners such as hospitals and expert groups
- Demonstrating a proactive commitment to establishing partnerships and initiatives for grant applications
- Providing scientific and technical support to users
- Managing the beamline team and ensuring a smooth interaction with external collaborators

Further information may be obtained from Michael Wulff (tel.: +33 (0)4 76 88 23 79, email: wulff@esrf.fr) or Jean Susini (+33 (0)4 76 88 21 24, email: susini@esrf.fr)

PROFILE, SKILLS AND EXPERIENCE

- MD or PhD and several years of postdoctoral experience in medicine, medical physics, biology, or a related discipline
- Relevant synchrotron research experience in medical applications including medical imaging and/or radiotherapy is an asset
- Managerial skills are essential. Good communication abilities are necessary to integrate into a multidisciplinary and international research team. Project management skills will be an asset.
- Proficiency in English (working language at the ESRF)

WORK CONDITIONS

The monthly salary may be complemented by additional allowances upon eligibility. The ESRF is an equal opportunity employer and encourages diversity.

*Appointments are for a fixed period of up to 5 years. However, applicants with outstanding credentials may be considered for a permanent appointment.

If you are interested, please apply on <http://www.esrf.fr/Jobs> by 30 September 2017.