



Hôpitaux
Universitaires
Genève

Section Head Physicist for the CIBM Center for Biomedical Imaging - 100%

- Rue Gabrielle-Perret-Gentil, 1205 Genève, Switzerland
- Full time

Company Description

With more than 12,000 employees representing 160 professions, the Geneva University Hospitals is a reference institution at national and international level. To find out more about our institution, take a few minutes to discover the highlights of the year 2022 by clicking [here](#).

The mission of the [Diagnostic Department](#), composed of eight medical services, is to provide high quality medical diagnoses, therapeutics, therapeutic procedures and specialised clinical consultations, in the shortest possible time and at an acceptable cost, in order to guide patient care and contribute to therapeutic decisions and actions.

The main mission of the [Radiology Department](#) is to carry out diagnostic radiology examinations and therapeutic interventions under the guidance of various imaging techniques. This clinical activity includes approximately 220,000 examinations and 5,000 diagnostic and therapeutic procedures per year, a significant part of which is provided in a 24-hour rhythm. The medical team of the Radiology Department also leads more than 300 multidisciplinary meetings per month, on a daily, weekly or monthly basis.

Created in 2004, the [CIBM Center for Biomedical Imaging](#) is the result of a major research and teaching initiative by the partners of the Science-Life-Society (SVS) project between the Ecole polytechnique fédérale de Lausanne (EPFL), the University of Lausanne (UNIL), the University of Geneva (UNIGE), the Geneva University Hospitals (HUG) and the Lausanne University Hospital (CHUV). The CIBM has opened up a new horizon in biomedical imaging by providing research teams with the most advanced equipment and enabling clinicians, scientists and engineers to work in multidisciplinary teams to advance basic, translational and clinical research. In 2022, the [CIBM MRI HUG-UNIGE Section](#) has enabled and supported more than 25 different research groups to carry out their research activities at HUG (see more details in previous [CIBM annual reports](#)).

Job Description

Your mission is to lead the research, teaching and service activities of the CIBM MRI HUG UNIGE clinical MR imaging section within the CIBM according to its partnership contract and its executive agreements.

You will support the implementation of clinical research protocols in MRI on the technical platform of the HUG Radiology Department.

You will develop advanced MRI acquisition and analysis methods for research conducted at the CIBM as well as a MRI research programme, notably with the help of competitive funds.

You will participate in the development of clinical and research applications on the 7T MRI at Campus Biotech Geneva.

You will collaborate with the Radiology Department in maintaining the MRI technical platform at the HUG at the forefront of technology.

You will participate in the teaching of the HUG and the Faculty of Medicine.

You will stimulate interdisciplinary collaboration between clinicians, researchers and engineers.

Qualifications

You hold a PhD doctorate degree in science, physics, engineering, or equivalent.

You master the physics of MRI including the development of MRI sequences and advanced analysis in medical imaging.

You have prior experience in basic and applied 3T or even 7T MRI, in different organ systems, as well as professional experience in the field of academic research.

You have collaborated with different radiology subspecialties.

You have held teaching and research activities at the university level.

You have obtained competitive scientific research funding and managed a research group in the field of MRI.

You also have managerial and team management skills, particularly in supervising young researchers.

You benefit from a B1-B2 level of French.

Additional Information

- Entry into office: to be agreed
- Number of post : 1
- Activity rate : 100%
- Salary : under evaluation
- Contract : permanent contract
- Application deadline : 31.05.2023
- Contact: Prof. Pierre-Alexandre Poletti, chief physician of the radiology department, pierre-alexandre.poletti@hcuge.ch

Your application file must include a letter showing your motivation, your curriculum vitae, copies of the diplomas and certificates required for the position and the last 2 work certificates and 3 reference letters.

This announcement is intended for women and men alike.

To apply, please visit <https://smrtr.io/dJVr5>