

## Fixed term position in medical physics

### Description

Lausanne University hospital (CHUV) is one of the 5 Swiss university hospitals. Thanks to its collaborations with the Biology and Medicine Faculty of Lausanne University and Ecole Polytechnique Fédérale de Lausanne (EPFL), CHUV plays a key role in medical care, medical research and education.

The Institute of Radiation Physics (IRA) from CHUV is active in the fields of medical radiation physics, radiation protection and ionizing radiation metrology. The present offer is aimed at part- or full-time (80-100 %) fixed-term medical physicist working in the radiation therapy physics group. The group's missions are 1) dosimetry and control of all treatment devices of the radio-oncology department at CHUV, 2) treatment planning, and 3) development of new techniques to improve patients' treatments.

The department owns two Tomotherapy units (RadiXact), one CyberKnife unit, one Elekta Synergy linear accelerator, one Gammaknife unit, one brachytherapy afterloading device and one low energy X-ray device. The department treats patients with intensity-modulated radiation therapy, VMAT, frame and frameless stereotaxy and 4D irradiation techniques. The treatments are planned with RayStation TPS. In collaboration with a very dynamic medical environment, original innovative treatment techniques are constantly being developed.

The candidate should hold a BSc and a MSc in physics (or judged equivalent). A board certification in medical physics would be an asset, as well as a PhD in natural sciences and five years of experience in high level irradiation techniques.

This position is for a fixed term until 31.12.2025. It enjoys the advantages linked to public hospital.

### Position requirements

- Master in physics or equivalent;
- Certification in medical physics;
- Nimble-mindedness, rigorous, proactive, independent, organization and time-management;
- Sense of collaboration, good communication and synthesis capacities; Adaptable to irregular schedules;
- Working language: French or English

### Application deadline: 11<sup>th</sup> September 2024 at

<https://recrutement.chuv.ch/vacancy/physicienne-medicale-a-linstitut-de-radiophysique-301672.html>

### More information:

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