

Contract for an Electronic Engineer for development of radiation detector readout.

Research Group Medical Physics and Molecular Imaging

Radiation Physics Laboratory

<https://www.usc.gal/es/servicios/area/infraestructuras-investigacion/plataformas/laboratorio-radiofisica>

University of Santiago

We are looking for candidates interested in a contract for hardware design of dosimetry systems based in solid state devices, in the frame of a “La Caixa” research project at the University of Santiago de Compostela.

What we offer:

Interdisciplinary environment for learning and applying advanced semiconductor detector technology to state of the art radiotherapy dosimetry. The candidate would participate in the national and international collaborations in radiotherapy and molecular imaging R&D in which our group is currently working. We are also consultants of some of the multinational companies in the dosimetry business. It is also possible for the candidate to apply for a PhD in the doctoral program of “Particle and Nuclear Physics” of the Faculty of Physics of USC.

Research project: Silicon Carbide detectors for FLASH radiotherapy dosimetry

Contract duration: 2 years

Starting date: 1st September 2024

Salary: 39200 € /year

What we are looking for:

Candidate with a grade on electronic engineering or equivalent. Additional academic record such as Master Degree on Biomedical Engineering will be appreciated. Previous experience in R&D activities of hardware development will be positively evaluated.

It is necessary a good level of English.

Contact:

Please send the following documents to Prof. Faustino Gómez (faustino.gomez@usc.es) with the subject “Electronic Engineer contract”:

- CV in pdf highlighting your merits
- Copy of academic track record
- Reference letters or contact (if available).

Application deadline: 1st July 2024