
Research Engineer position in advanced optical microscopy systems

ICFO-Institute of Photonic Sciences (<https://www.icfo.eu/>) is a research center located in Castelldefels (Barcelona), dedicated to the research, education and transfer of knowledge and technologies of optical and photonic sciences at the highest international level.

ICFO is offering a research engineer position to a well-qualified, highly motivated and dynamic young scientist who wishes to enhance his/her scientific career in a friendly and stimulating environment.

The successful candidate will be joining the Super Resolution and Nanoscopy Light Microscopy Unit (SLN, <https://www.icfo.eu/34-research/facilities/170-sln>) led by Dr. Pablo Loza-Alvarez that has 3 main aims: i) to carry out cutting-edge research in advanced microscopy techniques; ii) train personnel in the use of these techniques and iii) provide microscopy service to users with specific needs that cannot be met with current instrumentation.

The microscopes that the SLN unit include are: confocal and multiphoton, super resolution, Raman, multimodal and multi-spectral, light sheet and ophthalmic.

The successful candidate will carry out their tasks within the CEHC project of the SLN. This project CEHC is co-financed by the European Union Regional Development Fund within the framework of the ERDF Operational Program of Catalonia 2014-2020.

The person will ensure the proper functioning of microscopes dedicated to the project, specifically:

- Perform daily inspection tasks of the peripheral equipment in the multimodal microscope
- Preparation of samples and culture media to keep the retinas alive in the microscope
- Preventive maintenance of the microscope and daily characterization of its optical components
- Performing of systematic measurements of calcium activity in the excised retinas.

ELIGIBILITY AND CONDITIONS

Candidates must hold an internationally-recognized engineering degree (or evidence of its completion in the nearest future).

The candidate should have a proven track record of experience in the use of optical microscopy equipment and its Biological Applications.

ICFO is an equal employment opportunity employer. Candidates are selected exclusively on merit and potential on the basis of submitted application material. No restrictions of persons with disabilities, citizenship or gender apply to ICFO positions. ICFO abides by the principles of openness, efficiency, transparency, supportiveness, and international comparability as stated in the European Charter for Researchers and the European Code of Conduct for the Recruitment of Researchers.

The contract is offered for periods of one year.

APPLICATION PROCEDURE

The formal application should be submitted online via <http://jobs.icfo.eu/?detail=483>

Suitable candidates are requested to submit:

- Presentation letter with a declaration of interest,
- Curriculum Vitae, including contact details,
- The contact e-mail of two potential referees.

Candidates may contact jobs@icfo.eu for informal enquiries regarding the application, as well as address scientific enquiries to pablo.loza@icfo.eu

For updated information about ICFO, please visit <http://www.icfo.eu/>
