

Electronics Engineer

ICFO is a research center located in the Mediterranean Technology Park in the metropolitan area of Barcelona, and currently hosts 400+ people, including researchers, PhD students and staff personnel. Today, in its area of specialization and category, the institute is consistently ranked among the highest-quality research institutions worldwide.

ICFO's Electronics Advanced Engineering Lab is made up of a team of people giving support to ICFO researchers in:

- Manufacturing, repairing, sourcing and purchasing of electronic instruments.
- Design and development of new electronic instruments and devices, including testing and debugging.
- Consulting and advising on general electronics and signal processing.

JOB DESCRIPTION

We are currently looking for an Electronics Engineer, who will join the Electronics Advanced Engineering Lab, reporting directly to the head of this unit and who will participate in a project of prototypes development with the ICFO Medical Optics Research Group.

The main responsibilities for this position include (but are not limited to) the following:

- Document, maintain and support the development of the electronics technologies and systems associated with the prototypes of the Medical Optics Group, in particular:
 - Implement an efficient documentation system to write manuals related to the manufacture, test and debug of all current and future prototypes.
- Design and execute the proper tests to debug and detect errors in the prototypes.
- Execute, support and help in the design and manufacture of the necessary custom electronics and, if necessary, some mechanical parts.
- If necessary, prepare and maintain an electronics workbench into the Medical Optics Group Laboratories.
- Working as a part of the Electronics Engineering team.

This contract will be funded by the European Regional Development Funds (ERDF) allocated to the Programa operatiu FEDER de Catalunya 2014-2020, with the support of the Secretaria d'Universitats i Recerca of the Departament d'Empresa i Coneixement of the Generalitat de Catalunya for emerging technology clusters to carry out valorization and transfer of research results. Reference of Clúster Emergent del Cervell Humà (CECH): 001-P-001682. Codi operació: IU16-011507.

REQUIREMENTS

The appointee must have:

- A University degree in Electronics Engineering or related fields.
- A Minimum of 2 years' experience in developing electronics engineering tasks in a R&D environment.
- Knowledge in the Java, Qt and C++ programming languages will be valued.
- A Minimum B2 English Level.
- Service orientation, initiative, attention to detail, organizational commitment, and teamwork mentality.
- Strong organizational, planning and problem-solving skills.

CONDITIONS

We offer:

- One year contract linked to the project with possibility of further extension.
- Salary according to the institutional salary scales.
- 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.

APPLICATION PROCEDURE

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

Suitable candidates are requested to submit:

- Presentation letter with a declaration of interest.
- Curriculum Vitae, including contact details.

Candidates should be willing to be contacted by phone during the selection process and may contact icfojobs@icfo.eu for formal inquiries regarding the application.

The call will remain open until suitable candidates are identified.

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