



Job offer for researchers, research technicians or research support officers under Chapter 6 allocation

Job offer

Title

8/2023 - PhD in Electronic Engineering to provide support to the GSE-UIB research group.

Main researcher

Name: Jaume

Last name 1: Verd

Last name 2: Martorell

Department: Department of Industrial Engineering and Construction

Contract details

Job description

The successful candidate will undertake tasks within the framework of research project PID2021-1224600B-I00 (SoCMEMS). Specifically, they will perform experiments linked to work packages WP1, WP2 and WP3 set out in the project led by the Electronic Systems group (GSE-UIB). The SoCMEMS project aims to develop portable applications with high value added, based on CMOS-MEMS oscillators.

Category: R2 - Doctor (PhD)

Qualification: PhD or equivalent

Field of research: Engineering

Subarea of research: Electronic Engineering

Contract type details

Type of contract: Permanent

Full/Part-time: Full-time

Hours per week: 37,5

Work schedule: flexible

Application submission deadline

From Wednesday, January 25, 2023 until Tuesday, February 07, 2023

Planned start date: Monday, May 01, 2023

Planned end date of the tasks subject to the contract: Thursday, February 29, 2024

Research project / Agreement



Type of activity: Project

Funding body: MINISTERI DE CIÈNCIA I INNOVACIO

Call: Ajuts a Projectes de Generació de Coneixement en el marc del programa estatal per impulsar la investigació científicotècnica i la seva transferència

Programme: Proyectos de Investigación No Orientada

Reference number / Official code: PID2021-122460OB-I00

Number of positions available: 1

Candidate requirements

Skills/Qualifications

PhD in Electronic Engineering or similar.

Specific requirements

Knowledge in microelectromechanical systems (MEMS) and microelectronic design

Language requirements

English.

Experience required: 1-4 years

Prior experience

Experience in handling electronic lab equipment (network analyser, spectrum analyser, source and measure units (SMU), frequency meters, climatic chambers, etc.); equipment measurement and remote control automation through different busbars; wire-bonding equipment for CMOS chip soldering and enclosure; handling and characterising CMOS circuits at chip level; CMOS-MEMS devices, and CMOS mask design

Additional information

Monthly salary and benefits: 2.800,00 €

Selection process

In accordance with article 8 of the REGULATORY AGREEMENT 145140 of 15th June 2022 that approves the regulation governing the recruitment of research staff under chapter 6 allocation of the university budget, as well as technical or operational research staff.

Eligibility criteria:

- Curricular merits in the field (max. 40 points).
- Qualifications in the specialist area (max. 20 points), other (max. 5 points).
- Video curriculum and, if applicable, personal interview (max. 20 points).
- Experience in the field (max. 15 points). E.g.: > 3 years (10 points), < 3 years (5 points).
- Other merits (max. +5 points). E.g.: recommendation letters.

Eligibility threshold: 60 points.

Selection committee

- i. The relevant Pro-Vice-Chancellor for research (or delegated representative) as chair.
- ii. The supervisor (or delegated representative).



- iii. The members of the Research Area Assessment Committee (CARAI).
- iv. One or more expert members in the topic pertaining to the recruitment and chosen by the chair of the committee, where applicable.
- v. The head of FORHU (or delegated representative), as secretary, who may speak but not vote.

[Additional comments](#)

Preference will be given to candidates available to travel to the University of Florida (USA) and work in the IMG-UF group lab.

Reference project PID2021-1224600B-I00 financed by MCIN/ AEI /10.13039/501100011033 and by FEDER A way of making Europe.