

## Post-Doctoral Position Announcement

The Neuromorphic Group at IMSE ([www.imse-cnm.csic.es/neuromorphs](http://www.imse-cnm.csic.es/neuromorphs)) is looking for a highly motivated post-doctoral researcher for a 4-year position. The intended activities would combine neuromorphic vision sensors (chip design, testing, and usage in applications), neuromorphic signal processing and computing (event-driven computations, neural networks, deep architectures), neuromorphic learning with memristors, computational-oriented research towards hardware-friendly event-driven architectures with memristors, and using Risc-V and FPGAs. Additionally, IMSE is setting up a new clean room for advanced encapsulation and additive manufacturing (microlens fabrication on CMOS sensor chips, etc). The successful candidate should have solid experience in some of these fields and will receive training to complement the rest, together with research stays at prominent collaborating labs.

We are looking for an experienced researcher in several of the following fields: CMOS analog/mixed-signal design, vision sensor design, FPGA/Microcontroller coding, RiscV, event-driven neural network computing, circuit design with emerging memristors, clean-room and additive manufacturing, and demonstrator's setup.

### Requirements:

- Experience in analog CMOS design, imagers, digital circuits, RiskV, memristor circuits, clean-room, and/or additive manufacturing.
- PhD in subjects related to the above, and solid research experience.
- Good record of publications and scientific/technical contributions
- Candidates must be residents/citizens of Europe, or have immigration clearance.

### Conditions of the position:

- Duration: until December 19<sup>th</sup>, 2028.
- Gross Salary is approximately **56,000€/year**
- Workplace: The Instituto de Microelectrónica de Sevilla (IMSE-CNM) is a joint institute of the Consejo Superior de Investigaciones Científicas (CSIC) and the University of Seville. The successful candidates will work at the centre's facilities, do some research stays at collaborating labs, and perform training activities in some of the above research lines.

### Registration Procedure

Interested candidates should send their CV, academic records (BSc, MSc, PhD), and a motivation of interest to Prof. B. Linares-Barranco ([www.imse-cnm.csic.es/~bernabe](http://www.imse-cnm.csic.es/~bernabe)) at the following e-mail address: **bernabe@imse-cnm.csic.es**.

Please send info as soon as possible, but not later than **April 30<sup>th</sup>, 2026**.



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