

Job Description:

We are seeking a highly skilled researcher with a PhD in electrical or electronics engineer/computer science engineer/physicist with experience in areas such as analog or digital circuit design, embedded systems, systems on chip, FPGA programming or artificial intelligence

The candidate will join the staff of the Institute of Microelectronics of Seville (IMSE). IMSE is an academic research center belonging to the University of Seville and the Spanish Research Council (CSIC). IMSE is equipped with state of the art infrastructures hosting 1.000m² of laboratories for the design and test of electronic circuits and opto-electronic sensors (<http://www.imse-cnm.csic.es/en/labs.php>). A new clean room facility for advanced integrated circuits packaging and additive manufacturing is currently being set up. It is located in a technological park at 15 minutes walking from Sevilla city center.

In particular, we are seeking for candidates wishing to join to the Neuromorphic Systems Group (<http://www2.imse-cnm.csic.es/neuromorphs/>). The group is pioneering having more than 30 year experience in the field of the neuromorphic hardware systems and applications. In particular the group has developed spatial contrast retinas, dynamic vision sensors, convolutional neural processors, spiking convolutional neural networks, spiking learning circuits and algorithms, and spiking neural processors combining conventional CMOS circuits with nanodevices.

Requirements:

- PhD degree in Electrical Engineering, Electronics, or a related field.
- Ability to work on interdisciplinary projects.

Postdoctoral Researcher Opportunity: We are interested in being a host institution for postdoctoral researchers with an outstanding record who wish to consolidate their scientific career. .

Full grant information and conditions are available here: The candidate will apply to the Juan de la Cierva, Ramon y Cajal and Emergia programs. Closing date: January 30th 2024.

Permanent scientist positions could be provided after this period.

How to Apply: Please submit your resume and a cover letter highlighting your relevant experience to teresa.serrano@csic.es or bernabe@imse-cnm.csic.es