



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

Job offer

Title

83/2022 - Research contract

Main researcher

Name: Claudio Rubén

Last name 1: Mirasso

Last name 2: Santos

Department: Institute of Interdisciplinary Physics and Complex Systems (IFISC)

Contract details

Job description

Conducting research on computational aspects of neural circuits under the framework of the UpMEMO project

Category: R1 - Graduate / Engineer / Architect

Qualification: Master's degree or equivalent

Field of research: Physics

Subarea of research: Biophysics

Contract type details

Type of contract: Permanent

Full/Part-time: Full-time

Hours per week: 37,5

Work schedule: 9:00-13 y 14:17:30

Application submission deadline

From Monday, December 05, 2022 until Tuesday, December 20, 2022

Planned start date: Monday, February 13, 2023

Planned end date of the tasks subject to the contract: Monday, July 31, 2023

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: PID2021-128158NB-C22

Number of positions available: 1

Candidate requirements

Skills/Qualifications

Master's in Physics and Mathematics or equivalent

Specific requirements

Experience in neural circuit modelling and simulation.
Experience in C++, Neuron and Brian programming, amongst others.

Language requirements

Very good command of English

Experience required: 1-4 years

Prior experience

Neuron modelling experience, including their dendritic tree.
Experience in neuronal population modelling and numerical simulations.

Additional information

Monthly salary and benefits: 1.460,00 €

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 comitee

- The relevant Pro-Vice-Chancellor for research (or delegated representative) as chair.
- The supervisor (or delegated representative).
- The members of the Research Area Assessment Committee (CARAI).
- 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 the FORHU (or delegated representative), as secretary, who may speak but not vote.

[Additional comments](#)

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Reference project PID2021-128158NB-C22 financed by MCIN/ AEI /10.13039/501100011033.

