Position Offered: POSTDOCTORAL RESEARCHER

Project: *Implementation of advanced strategies for the management of IFIC's general computing infrastructure (GLUON)*

Technological and scientific fields: HPC, parallel programming, system administrator.

Location: Paterna, Valencia, Comunitat Valenciana. Institute of Corpuscular Physics (IFIC) https://webific.ific.uv.es/web/en

Research Group/PI: SOM / Alberto Ramos (http://som.ific.uv.es/)

PROJECT SUMMARY

This year GLUON, an IFIC HPC system is starting its operations. It will provide access to substantial computing resources to more than 300 researchers. This project aims at implementing and mantaining the system, and helping the researchers to exploit the full potential of the HPC cluster.

PROFESSIONAL PROFILE

Minimum requirements:

- PhD in Physics or computer science.
- She/He must be comfortable speaking and working in English.
- Previous experience working I HPC systems and in parallel programming.

Merits to be considered:

- Previous experience in administration of HPC systems based on the UNIX OS would be valued.
- Familiarity in shell scripting, managing batch systems and experience in parallel programming (OpenMP/MPI) would also be highly considered for the position

WHAT IS OFFERED

The candidate would be in charge of a cutting edge HPC system. He will assist researchers with the writing and optimization of the software to be run in the cluster. Possibility of performing research and receive training on administration of HPC clusters and writing high performant scientific software. Training includes courses in other institutions.

Contract conditions:

Indefinite contract for a Postdoctoral Researcher associated to the Momentum Project of 4 years' duration according to Spanish science law. Gross annual salary (41.000 € - 52.000 €).

Start of contract: before 31 December 2024

PRINCIPAL INVESTIGATOR CONTACT

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