

## Postdoctoral and Science Engineering positions at the Instituto de Física de Cantabria (Santander, Spain)

Particle Physics, Astrophysics, Cosmology, Computing Science and Climate. 8th of April 2019

The **María de Maeztu** Unit of Excellence Instituto de Física de Cantabria (<http://ifca.unican.es>) offers up to 7 Postdoctoral and Science Engineering positions connected to the following prioritized research lines:

- AGN X-ray Astronomy: Postdoctoral contract to work on the scientific definition of Athena, particularly in the field of extragalactic surveys and AGN science. Contact person: Francisco Carrera, [carreraf@ifca.unican.es](mailto:carreraf@ifca.unican.es)
- HL-LHC: Postdoctoral or science engineering contract to work on the development of time and position sensitive semiconductor detectors (TPSD) for the implementation of 4-dimensional tracker and vertex systems at the High-Luminosity Large Hadron Collider. Contact person: Gervasio Gómez, [gervasio@ifca.unican.es](mailto:gervasio@ifca.unican.es)
- CMB polarization: Postdoctoral or science engineering contract to work on microwave instrumentation (including design, development, calibration and systematic effects) for CMB experiments including QUIJOTE, the JAXA LiteBIRD mission and the future European Low Frequency Survey. Contact person: Enrique Martínez-González, [martinez@ifca.unican.es](mailto:martinez@ifca.unican.es)
- EOSC: Postdoctoral or science engineering contract to work on Implementing Advanced Computing Techniques in the European Open Science Cloud. Contact persons: David Rodríguez, [drodrig@ifca.unican.es](mailto:drodrig@ifca.unican.es); Álvaro López, [aloga@ifca.unican.es](mailto:aloga@ifca.unican.es).
- CORDEX: Postdoctoral or science engineering contract to work on Data Science techniques applied to regional climate analysis. Contact person: José Manuel Gutiérrez, [gutierjm@ifca.unican.es](mailto:gutierjm@ifca.unican.es)
- Dark Universe: Postdoctoral contract to work on the hidden nature/constituents of the Universe, exploiting synergies between the Cosmology/Astrophysics and Particle Physics groups. Contact persons: José M. Diego, [jdiego@ifca.unican.es](mailto:jdiego@ifca.unican.es); Rocío Vilar, [vilar@ifca.unican.es](mailto:vilar@ifca.unican.es)
- Data Science: Postdoctoral or science engineering contract to work on Data Science techniques applied to Big Data in Open Science. Contact persons: Lara Lloret, [lloret@ifca.unican.es](mailto:lloret@ifca.unican.es); Fernando Aguilar, [aguilarf@ifca.unican.es](mailto:aguilarf@ifca.unican.es)

The successful candidate will be contracted for **up to 3 years** with a **gross annual salary in the range 34100 - 41600€**, depending on experience. The positions also include additional funds for travelling and stays in other research centres. The **starting date is negotiable**. Applications must be sent to [mdmifca-info@ifca.unican.es](mailto:mdmifca-info@ifca.unican.es) indicating the research line of interest and including a CV, publication record, a brief description of relevant experience and research interests, and arrange for up to three recommendation letters.

For specific questions about each research line please contact the corresponding contact person. For general inquiries please send an e-mail to [mdmifca-info@ifca.unican.es](mailto:mdmifca-info@ifca.unican.es)

This call will be open until all positions are covered with a suitable candidate. **A first deadline to review the applications received is set to 01/06/2019.**

**More information on the positions offered is provided at <http://ifca.unican.es/mdm/calls>**