2019-03 - Data Science techniques applied to Big Data in Open Science



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The María de Maeztu Unit of Excellence Instituto de Física de Cantabria offers up to 7 Postdoctoral and Science Engineering positions on a number of fields (Particle Physic, Astrophysics, Cosmology, Distributed Computing, and Climate) connected to the prioritized research lines detailed below. 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.

This call will be open until each position is covered with a suitable candidate. A first deadline to review the applications is set to 01/06/2019.

Applications must be sent to mdmifca-info@ifca.unican.es including a CV, publication record, a brief description of relevant experience and research interests, and arrange for three recommendation letters to be sent to that e-mail address. For specific questions about each research line please contact the corresponding contact person. For any inquiries about the job please send an e-mail to mdmifca-info@ifca.unican.es

Our group is looking for a postdoctoral or technical candidate to work on the application of novel Data Science techniques, including Machine Learning /Deep Learning, to a wide variety of problems ranging from biodiversity, satellite imaging, physics or medical diagnosis through images, among others. Our group is currently involved in two European projects, Deep-Hybrid-DataCloud (DEEP) and eXtreme-DataCloud (XDC), both with Pilot Cases on several research domains as the ones described above. The DEEP project provides, under the label DEEP as a Service, a set of building blocks enabling the easy development of applications requiring cutting-edge techniques. The applications are deployed in the project testbed integrating Cloud Computing-based solutions and offered to the research communities linked to the project through pilot applications, and integrated under the European Open Science Cloud framework. On the other side, the XDC project aims at developing scalable technologies for federating storage resources and managing data in highly distributed computing environments, as required by the most demanding, data-intensive research experiments in Europe and worldwide. The candidate will be encouraged to propose, plan and carryout his/her own related research.

If you are interested, please send an email to the contact address listed above in order to get more information on the positions.