



Post Doc – Magnetic Nanoparticles at the Universidad de Cantabria (UC)

The Group of Magnetic Materials at UC seeks a qualified EU-candidate for a postdoctoral position. The main focus of the research project is to characterise magnetic nanoparticles of intermetallic rare earths and Fe-oxides.

The post-doctoral fellowship will be running for 3 months (and a possible 3 month extension). Gross salary: around 2389 euros/month. It will be located at the Dept. CITIMAC (Universidad Cantabria). The recruitment process will be finished as soon as possible.

Requirements: Qualified candidates must have received a PhD degree in one of the following: Material Science, Physics or Chemistry. It is a requirement to have experience in the use/analysis of magnetic properties of Rare Earth intermetallics in polycrystalline and/or nanoparticle state and/or Fe-oxides in nanoparticle state. Use of DC- and/or AC-Magnetometry techniques is a must.

Other qualifications: Experience in the analysis of XRD and/or neutron diffraction data is relevant as well. We are looking for an independent researcher who is energetic, innovative and good at building relations. Due to the nature of the position, *the candidate is required to possess excellent written communicative skills*. Spanish is not needed but English is required.

Academic Information on the post will be provided by Project Leader: Prof. Luis Fernández Barquín, email: barquinl@unican.es.

The Group of Magnetism at UC is located in Santander (northern Spain) and holds long experience in the field of magnetic nanoparticles and a suite of experimental techniques for their characterization including QD-MPMS (SQUID), QD-PPMS and XRD instruments (and TEM). The Group is also a frequent user of Large Facilities.

The contract is limited to UE citizens or holders of UE work & residence permit. Please obtain/send your application (Application form, ID, PhD certificate, CV) directly to:

COIE, Human Resources UC, email: coie.uc@unican.es, no later than 8 September 2020. Please enter reference number: 3037.