



POST-DOCTORAL POSITION

We are looking for candidates to fill a post-doc research position (1 year) funded by the European Network of Excellence:

"Molecular Approach to Nanomagnets and Multifunctional Materials (MAGMANet)"

at the Institute for Materials Science (ICMA), CSIC-University of Zaragoza, SPAIN and in collaboration with the NanoStructures and BioSystems at Surfaces (S3) Institute, CNR-INFN, Modena, ITALY.

The main objectives of the project will be:

"Carry out experiments of specific heat in the region of very low temperatures under orientable magnetic fields. Fabrication and use of highly-sensitive calorimeters of reduced sizes down to the micron and submicron scale. Investigate quantum phenomena, like quantum tunnelling, quantum coherence, and quantum phase transitions in arrays of molecular nanomagnets."

We are looking for a candidate with wide experience in low temperature physics and techniques. Experience in the characterization of molecular magnetic materials and specific heat techniques will also be considered.

Salary range: Based on experience

Possible candidates can get further information from:

Fernando Luis-Vitalla

Tel: 0034-976761000, Ext: 3342

E-mail: fluis@unizar.es

ICMA

Instituto de Ciencia de Materiales de Aragón

CSIC-Universidad de Zaragoza

Facultad de Ciencias (edificio A)

Pedro Cerbuna 12

50009 Zaragoza