

An opening for a 4-year predoctoral contract (net salary ~ 1300€/month) at the ICMol in research involving

- Molecular qubits / pbits and
- The role of chirality in molecular spintronics

Ideal backgrounds include any of:

- Computational Chemistry
- Solid State (or Quantum) Physics
- Bioinformatics

Current project (Electrical control of probabilistic bits in chiral molecules):

<http://www.uv.es/gaita/chiral-p-bit.pdf>

Recent, related project (A Chemical Approach to Molecular Spin Qubits: Decoherence and Organisation of Rare Earth Single Ion Magnets):

https://www.uv.es/gaita/pdf/ERC_CoG_2014_B1_20-05.pdf

Interviews start in March.

Start date: flexible (June-September)

Contact person: gaita@uv.es