

We are looking for talented chemists motivated to pursue a PhD in the area of Materials Science. The students will be able to join to a pioneer, dynamic and active group from the Department of NanoScience and Organic Materials (www.icmab.es/nmmo)

This research group approaches some of the most exciting and challenging fields that a chemist and a materials scientist can explore nowadays — the study of advanced organic functional materials and nanoscopic systems with useful electronic (superconductors, metallic conductors, semiconductors), magnetic (ferromagnets, superparamagnets, single molecule magnets, nanoporous magnets, etc), biological and/or optical properties. We also involved on the development of materials processing techniques, molecular self-assembly and on the preparation of functional nanostructured materials.

The candidates will apply for a **PhD student position** to perform research into functionalisation of surfaces with functional organic molecules for electronic or biological applications.

Candidates must hold an excellent university degree in Chemistry (with a qualification above 2). An interdisciplinary outlook is desired and will be encouraged. Experience in organic chemistry and surface self-assembly is recommended. The successful candidates will work in an international environment and travel to other European countries to develop the project.

Contact: Interested candidates should send a detailed CV with the university results by e-mail to Prof. Jaume Veciana (vecianaj@icmab.es, address: ICMAB - CSIC, Campus Universitat Autònoma de Barcelona, 08193 Bellaterra, Spain).