

***Design of Coordination Molecules as Pairs of Quasi-Independent Magnetic Spins***

**Dr. Guillem Aromí**

**Universitat de Barcelona**

**Friday 9th April, 2010. ICIQ Auditorium, 12 p.m.**



Dr Guillem Aromí (Barcelona, 1969) obtained his PhD in 1999 at Indiana University (Prof. G. Christou). He spent Postdoctoral periods at Leiden University (Marie Curie Fellowship, Prof. Jan Reedijk) and Manchester University (Prof. Richard Winpenny). In 2003, Dr Aromí was awarded a Spanish Fellowship "Ramón y Cajal" at the Universitat de Barcelona, where he is Associate Professor since 2007.

Guillem Aromí currently leads the "Group of Magnetism and Functional Molecules (GMMF)" recently recognized officially as a Research Group by the Generalitat de Catalunya. Dr Aromí is a member of the International Advisory Board of the European Journal of Inorganic Chemistry and is co-author of about 100 publications. He recently received the prize "ICREA Academia" by the Generalitat de Catalunya, for excellence in research at the university.

The research of Dr. Aromí focuses on the design and preparation of new ligands and their use in the synthesis of functional molecules based on coordination chemistry for the advancement of various fields of Nano-Science. The properties studied encompass single molecule magnetism, spin crossover phenomena, quantum entanglement, or magnetic exchange.