

***Functionalization of Cluster Chalcogenides
Directed To Their Applications in Catalysis
and Molecular Electronics***

Prof. Rosa Llusar

Universitat Jaume I, Castelló (Spain)

Friday 19th October, 2012. ICIQ Auditorium, 12 p.m.

Professional career



Rosa Llusar Barelles was born in 1960 in Almenara (Castellón). She studied chemistry at the University of Valencia (Spain) where she graduated in 1983 with the highest honours. Her doctorate work was devoted to the chemistry of cubane-type molybdenum and tungsten sulfides and received Ph.D. degrees from Valencia University in 1987 and from Texas A&M University (USA) in 1988 under the guidance of Prof. F. Albert Cotton. After working in the Research and Development Department of a Capolactam Production Plant in Castelló (Spain) for three years, she spent one year (1992) with Prof. John D. Corbett at the Ames Laboratory (Iowa State University, USA) investigating new solid state phases based on reduced rare earth halides. Since 1993, she has held a position at the University Jaume I of Castelló (Spain) and became Associate Professor of Physical Chemistry in 1995 and Full Professor in 2009. She has been appointed visiting professor at the Laboratory of Chemistry, Molecular Engineering and Materials of the CNRS-University of Angers (France) in 2005 and at the University of Rennes (France) in 2012. In the area of university management, Prof. Llusar has been vice chancellor of research at the University Jaume I of Castellón from 2006 until 2010. Last July, she was awarded an Honorary Doctorate from the Nikolaev Institute of Inorganic Chemistry which belongs to the Siberian Branch of the Russian Academy of Sciences.

Research Interests

At present her research is focussed on the chemistry of transition metal clusters with special interest in their physicochemical properties directed towards their technological applications in fields such as catalysis, molecular electronics and medicine. Prof. Llusar leads the molecular materials research group of the University Jaume I (<http://www.grupo-rllusar.uji.es/>) since its creation in 1998.