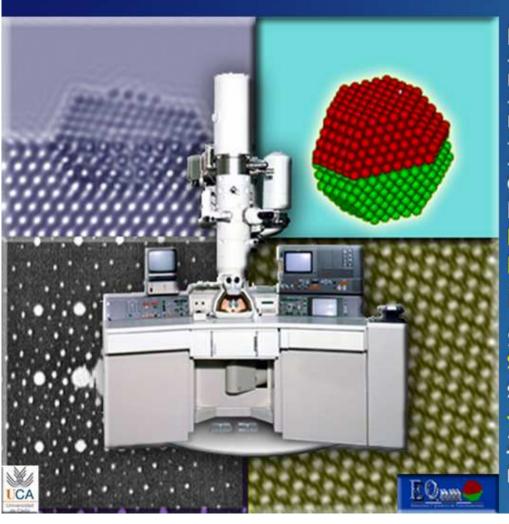
## PhD Grants / Contracts (2 years + 2 years) in the field of TEM of Nanocatalysts for Energy Production

Project NANOLANCAT (MAT2008-00889/NAN)
Materials, Nanoscience and Nanotechnology

NANOSTRUCTRED CATALYSTS
BASED ON LANTHANIDE OXIDES
FOR THE PRODUCTION OF HYDROGEN



## RESEARCH AREAS:

- -ENVIRONMENTAL CATALYSIS: Au-M (M=Ru, Pt, Pd) Bimetallic catalysts synthesis, chemical characterization and catalytic essays.
- ADVANCED ELECTRON MICROSCOPY characterization of nanocatalysts
- DEVELOPMENT OF MONOLITHIC CATALYST
- COMPUTATIONAL CHEMISTRY IN BIMETALLIC HETEROGENEOUS CATALYSTS

REQUIREMENTS: European Citizenship or Spanish Residence; Bachelor/ MD in Science or Chemical Engineering.

Deadline: 15th January. Applicants should contact urgently:

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http://www2.uca.es/dept/cmat\_qinor/catalisis/grupo.htm