

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

NEW

NANOSTRUCTURED 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 :

Serafin Bernal Márquez

serafin.bernal@uca.es ; Int + 34 956 01 6338

Jose Juan Calvino Gámez

jose.calvino@uca.es ; Int + 34 956 01 6333

http://www2.uca.es/dept/cmat_qinor/catalisis/grupo.htm

