

Department: Chemistry

Group name: *Study Group on Metal Interactions and their Applications.*

Acronym: *GEIMA*

Group Coordinator: López de Luzuriaga Fernández, José María

ANEP Area/s: Chemistry; Chemical Technology

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Department Report: 31/03/2006

RESEARCH TEAM
No. of researchers: 8

<u>Researcher</u>	<u>Department</u>	<u>Professional Category</u>
López de Luzuriaga Fernández, José María	Chemistry	Full Professor
Blasco Santana, Daniel	Chemistry	Pre-doctoral
Fernández Garbayo, Eduardo Jacinto	Chemistry	Full Professor
Jiménez Salcedo, Marta	Chemistry	Pre-doctoral
Monge Oroz, Miguel	Chemistry	Associate Professor
Moreno Infantes, Sonia	Chemistry	Pre-doctoral
Olmos Pérez, María Elena	Chemistry	Full Professor
Quintana Vázquez, Javier	Chemistry	Pre-doctoral

COLLABORATORS
No. of collaborators: 3

<u>Collaborators</u>	<u>Department</u>	<u>Professional Category</u>
Coconubo Guio, Laura Carolina	Chemistry	
Rodríguez Castillo, María	Chemistry	Project Hire

Soldevilla Garrido, Inés

Chemistry

Research areas

Study and preparation of compounds with metal interactions.
Study of optical properties of materials: Luminescence, Surface Plasmon, etc.
Activation and catalysis processes.
Synthesis and study of nanomaterials.
Theoretical studies of molecular compounds.

Scientific and technological offer

Synthesis of inorganic compounds.
Synthesis of nanomaterials.
Fluorescence studies in different media and at different temperatures.
X-ray diffraction.
Theoretical calculations.

National and International Relations

Pedro Pérez (University of Huelva).
Concepción Gimeno (ISQCH-University of Zaragoza).
C. Torres (UR-CIBIR).
M. Victoria Moreno-Arribas (CIAL-CSIC, Madrid).
A.S.K. Hashmi (Heidelberg, Germany).
V.J. Catalano (Reno, USA).
R. Eisenberg (Rochester, USA).
H. Yersin (Regensburg, Germany).
P.G. Jones (Braunschweig, Germany).
V. Lippolis (Cagliari, Italy).
C. Silvestru (Cluj, Romania).
A.A. Mohamed (Delaware, USA).
Alfonso Ibarra (INA-Zaragoza).
Laura Rodríguez-Raurell (University of Barcelona).
M. Omary (North Texas, USA).
B. Chaudret (Toulouse, France).
K. Soulantika (LMNO-INSa, France).
Y. Guari (Montpellier, France).
P. Pyykko and D. Sundholm (Helsinki, Finland).
G. Wildgoose (Norwich, UK).
Alexander J. Blake (Nottingham, UK).