

Curriculum Vitae

Personal Information

Name: José F. Marco

Date of Birth: April 9th, 1961

Academic Position: Scientific Researcher

Institution: Instituto de Química Física "Rocasolano"
Consejo Superior de Investigaciones Científicas
c/ Serrano, 119
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Spain



Academic Qualifications

M. Sc. Physics, 1984, Universidad de Zaragoza, Spain

Ph. D. Physics, 1989, Universidad Autónoma de Madrid, Spain

Academic Employment

2008-present, Scientific Researcher, Instituto de Química Física, CSIC, Madrid, Spain

1991-2008, Tenure Scientist, Instituto de Química Física, CSIC, Madrid, Spain

1989-1991, Post Doc Researcher, School of Chemistry, University Of Birmingham, UK

1986-1989, Ph. D. student, Instituto de Química Física, CSIC, Madrid, Spain

Statement of Research

- Surface analysis and surface science: corrosion processes, protective coatings, grow dynamics and characterization of the chemical and magnetic properties of thin and ultrathin films of various iron-containing oxides and nitrides.
- Solid State Chemistry: synthesis and characterization (from the structural, chemical and magnetic points of view) of transition metal oxides having different structures (spinel, garnet, perovskite,...). Characterization of iron oxide nanoparticles for biomedical applications

For those studies we use both laboratory (Mössbauer (CEMS; ILEEMS), XPS, AES, LEED, UHV-STM, LEEM) and synchrotron-based techniques (XAS, XMCD)