

CURRICULUM VITAE

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Date of Birth: 14 October 1979
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HIGHER EDUCATION

10/2004 **Ph.D. in Physics** .Universidad Autónoma de Madrid, Spain.
06/1998 – **University degree in Chemistry** (“Licenciatura en Ciencias
12/2003 Químicas”).Universidad Nacional de Colombia.

CONFERENCES: POSTER PRESENTATION

Synchrotron Radiation User Meeting 2006. Diamond Light Source, Chilton, Oxfordshire, UK. 09/2006.
Non-destructive Analysis and Testing of Museum Objects. Nicosia, Cyprus. 05/2006.
7ª Reunión Red Temática del Patrimonio Histórico y Cultural. Aranjuez, Spain. 12/2005.
17th International Conference on Ion Beam Analysis. Sevilla, Spain. 07/2005.
Synchrotron Radiation in Art and Archaeology. Grenoble, France. 02/2005

COURSES AND SEMINARS ATTENDED

10/2005 **Spectroscopic and Chromatographic Techniques.** Madrid, Spain
09/2005 **XII International Summer School Nicolás Cabrera “Synchrotron Light as a powerful tool for analysis”**
Madrid, Spain.
05/2005 **Erasmus Intensive Programme. “Ion beam, photon and hyperfine methods in nanostructure materials”**
Madrid, Spain

PUBLICATIONS

1. O. Enguita, A. Climent-Font, P. C. Gutiérrez, M. D. Ynsa. "*Estudios arqueométricos mediante técnicas de análisis con haces de iones en el microhaz externo de CMAM*". Capítulo 7 del libro "Innovación tecnológica en conservación y restauración del Patrimonio" páginas 110-127. Editor científico Joaquín Barrio. Ed Departamento de Prehistoria y Arqueología de la UAM. Madrid 2006
2. A. Perea, A. Climent-Font, M. Fernández-Jiménez, O. Enguita, P. C. Gutiérrez, S. Calusi, A. Migliori, I. Montero. NIM B 249 (2006) 638-641.

RESEARCH IN OTHER CENTERS

06/2006 C2RMF, Louvre Museum. Paris, France (6 months)
10/2005 SRS, Daresbury Laboratory, UK (1 week)

EQUIPMENT USED

11/2004 – /2007 **5.0 MV Van de Graaff accelerator**
Centro de Micro-Análisis de Materiales (Spain)

EXPERIENCE IN ANALYTICAL TECHNIQUES

IBA techniques - **PIXE** (Proton-Induced X-ray Emission)
- **PIGE** (Proton-Induced Gamma ray Emission)
- **RBS** (Rutherford Backscattering Spectroscopy)

Microscopy - Optical Microscopy
- Raman
- IR
- UV

Fluorescence - XRF (X-ray fluorescence)

Madrid, January 2007