

PERSONAL DATA

Jose Luis Movilla Rosell, Post-doctoral researcher.

Born 06/06/1975 in Madrid (Spain).

Citizenship: Spanish.

Spoken languages: Spanish (mother tongue), English (fluent), Italian (basic)

Address:

Office TC1227DD,

Departament de Química Física i Analítica

Universitat Jaume I

12080 Avda. Sos Baynat s/n, Castello, Spain.

Telephone No.: +34 964.72.8091

E-mail: movilla AT qfa.uji.es

EDUCATION

- **Graduated in Chemistry** at Universitat Jaume I in 2002. Student of the Year Award.
- **M.Sc.** in Theoretical and Computational Chemistry at Universitat Jaume I (2004).
- **Ph.D.** in Theoretical and Computational Chemistry. Universitat Jaume I (December 2007).
Ph.D. supervisor: Prof. J. Planelles. Title of Thesis: "Nanoscopic confinement in zero-dimensional semiconductor structures". Ph.D. of the Year on Basic Sciences.

PROFESSIONAL EXPERIENCE

TEACHING

2004-2012: Teaching assistant at Universitat Jaume I.

I have lectured on "Computer Science Applied to Chemistry", "Physical Chemistry", "Advanced Experimentation in Physical Chemistry", "Physical Chemistry of Solids and Structure of Semiconductors".

RESEARCH POSITIONS

2008-2012: Research assistant at Universitat Jaume I (Castelló, Spain).

2007: Continuitat post-doctoral fellow at Universitat Jaume I.

2003-2006: Pre-doctoral research fellow at Universitat Jaume I.

RESEARCH EXPERIENCE

Numerical methods for effective mass simulations of electronic and optical properties of quantum dots. Development of configuration interaction codes for strongly correlated systems. Numerical and semi-analytical methods for simulations of dielectric mismatch effects in semiconductor nanocrystals. Quantum interference phenomena in quantum networks and superlattices under applied magnetic fields.

VISITING STAYS

2006: CNR-INFM S3 Center (Modena, Italy), working with Dr. Guido Goldoni (2 months).

2004: Institute of Physics of Nicholas Copernicus University (Torun, Poland), working with Prof. W. Jaskólski. (2 months).

PUBLICATIONS

He has published around 30 articles in international peer-reviewed journals, including 13 PRB.

His work has been cited over 200 times, and his h -factor is 7.

His publication list also includes 1 book chapter and 2 under-graduate textbooks.