

PERSONAL DATA

EDUCATION

- **Graduated in Chemistry** at Universitat Jaume I in 2005.
- **M.Sc.** in Theoretical and Computational Chemistry at Universitat Jaume I (2007).
- **Ph.D.** in Theoretical and Computational Chemistry. Universitat Jaume I. (In progress)
Ph.D. supervisor: Prof. J. Planelles & J.I. Climente.

PROFESSIONAL EXPERIENCE

TEACHING

2008-2010: Teaching assistant at Universitat Jaume I.

I have lectured on "Advanced Experimentation in Physical Chemistry".

RESEARCH POSITIONS

2005-2010: Pre-doctoral research fellow at Universitat Jaume I (Castelló, Spain).

RESEARCH EXPERIENCE

Numerical and analytical methods for effective mass simulations of electronic and optical properties of quantum dots. Full Configuration Interaction and Density Functional Methods to study strong correlated systems.

VISITING STAYS

2008: Univesità degli Studi di Trento (Italy), working with E. Lipparini (3.5 months).

PUBLICATIONS

He has published around 10 articles in international peer-reviewed journals, 6 of them in PRB. Some of his works have been done in collaboration with the theoretical group led by M. Barranco (UB, Spain).