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Biographical Info
Postdoctoral: Arizona State University (USA) and University of Cambridge (UK).
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Research Interests
First-principles Molecular Dynamics.
Simulation of reactions in biomolecules.
Dynamical, atomic and electronic properties of semiconductor surfaces.
Organic Interfaces.
Nanocontacts, nanowires and nanotubes.

Relevant/Recent Publications
Improvement of Scanning Tunneling Microscopy Resolution with H-Sensitized Tips. J.I. Martínez, E. Abad, C. González, F. Flores and J. Ortega. PHYSICAL REVIEW LETTERS


Hydrogenation of semiconductor interfaces: Si-terminated cubic SiC(100) surfaces. D.G. Trabada, F. Flores and J. Ortega. PHYSICAL REVIEW B 80, 075307 (2009).


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