



VNIVERSITAT  
DE VALÈNCIA

# PHD GRANT ANNOUNCEMENT

Quantum and Nonlinear Optics Group  
of the University of Valencia

## A funded<sup>(1)</sup> PhD is offered within Project FIS2011-26960 Quantum and Classical Dynamics of Multimode Optical Systems

The project aims at studying new physics (quantum and classical) in nonlinear optical systems –such as lasers, optical parametric oscillators, and opto-mechanical cavities–, in which many cavity modes are involved. Such a scenario is relevant both from an applied viewpoint (quantum and classical information) and from a fundamental physics perspective. Theoretical and/or experimental PhD theses are possible.

Candidates should be graduate students in Physics, with willingness to work in group, creative, and definitely open to discover new and exciting phenomena in Optics.

**Application period:** 8-23 February 2012

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