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[FRANCISCO JAVIER DEL PINO](#) PhD. - Former Member

Biographical Info

Oct 2016 - Dec 2016 - PhD student exchange visit at Maxwell Centre - Cambridge University.

2013 - to present - PhD student at Nanophotonics Group (ERC-2011-AdG-290981 funded).

2012 - 2013 - Master in Fundamental Physics at Universidad Complutense de Madrid.

2007 - 2012 - Physics degree at Universidad Autónoma de Madrid.

Research Interests

Quantum optics: strong light-matter interaction with organic molecules.

Non markovian dynamics.

Quantum gases & Bose Einstein condensation.

Relevant/Recent Publications

del Pino, J., Feist, J., and Garcia-Vidal, F. J. Exploiting Vibrational Strong Coupling to make an Optical Parametric Oscillator out of a Raman Laser, (2016). [\[URL\]](#)

del Pino, J., Feist, J., and Garcia-Vidal, F. J. Signatures of Vibrational Strong Coupling in Raman Scattering, (2015). [\[URL\]](#)

del Pino, J., Feist, J., and Garcia-Vidal, F. J. Quantum theory of collective strong coupling of molecular vibrations with a microcavity mode, (2015). [\[URL\]](#)

del Pino, J., Feist, J., García-Vidal, F. J., and García-Ripoll, J. J. Entanglement detection in coupled particle plasmons, (2014). [\[URL\]](#)

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