

PhD Fellowship (FPI) Instituto de Óptica, CSIC

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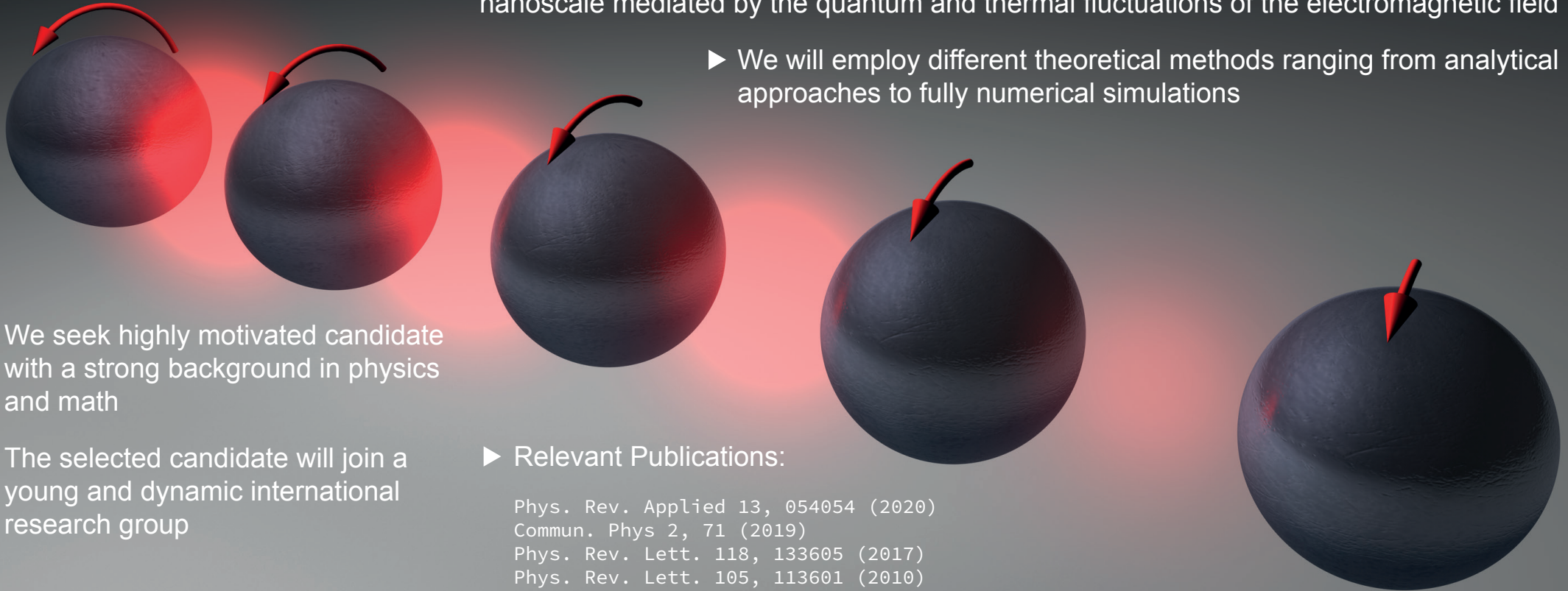


CSIC

CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS

Transfer of Energy and Momentum Using Electromagnetic Fluctuations

- ▶ The goal of this project is to investigate the transfer of energy and momentum at the nanoscale mediated by the quantum and thermal fluctuations of the electromagnetic field
- ▶ We will employ different theoretical methods ranging from analytical approaches to fully numerical simulations



- ▶ We seek highly motivated candidate with a strong background in physics and math
- ▶ The selected candidate will join a young and dynamic international research group

▶ Relevant Publications:

Phys. Rev. Applied 13, 054054 (2020)
Commun. Phys 2, 71 (2019)
Phys. Rev. Lett. 118, 133605 (2017)
Phys. Rev. Lett. 105, 113601 (2010)

Apply from 13/10/2020 to 27/10/2020 following the instructions at <https://www.ciencia.gob.es>

Theoretical Nanophotonics Group

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