

MQ Photonics Research Centre Webinars



MACQUARIE
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When: Wednesday 21 October 2020 at 5.15 to 7.15 PM

Via Zoom: <https://macquarie.zoom.us/j/85891099343?pwd=YlRodnRGK2ZlZjVlWjFYdXB0U1Nldz09>

Password: 107405



1) Speaker at 5.15 PM: Dr Paloma Arroyo Huidobro is a FCT Research Fellow at the Instituto de Telecomunicações, Instituto Superior Técnico, Lisbona

Title: Topological nanophotonics: Robust control of light in the nanoscale

Bio: *Paloma received her PhD from Universidad Autónoma de Madrid (Spain) in 2013 working under the supervision of Francisco J. García Vidal. In 2014 she joined Imperial College where she held a Marie Skłodowska-Curie Fellowship and worked with John Pendry. In 2019 she took up an FCT Researcher Fellowship in Lisbon, where she is currently a researcher at Instituto de Telecomunicações, based in Instituto Superior Técnico - University of Lisbon. Her work is devoted to developing theory of nano-scale light-matter interactions.*



2) Speaker at 6 .15 PM: Dr Alejandro Gonzales-Tudela is at CSIC - Instituto de Física Fundamental (IFF) in Madrid, Spain.

Title: Topology meets quantum optics: individual and collective effects.

Bio: *Alejandro graduated in Universidad Autónoma de Madrid in 2008, and did both the Master (2009) and PhD studies (2009-2013) in the Theoretical Condensed Matter department of Universidad Autónoma de Madrid under the supervision of Prof. Carlos Tejedor. After that he moved to the Theory Division of the Max Planck Institute of Quantum Optics, led by Prof. J. I. Cirac, as a post-doctoral researcher where he spent 5 years. Since August 2018, he is a permanent Research Scientist, affiliated to the Quantum Information and Foundation group (QUINFOG) at the Institute of Fundamental Physics (IFF) of the Spanish Research Council (CSIC).*