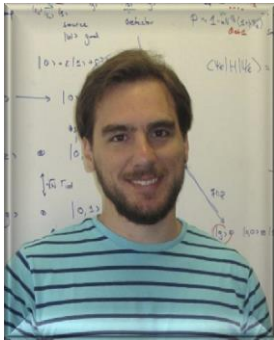


Garching, 7 December 2017

Press Release

**Dr. Alejandro González Tudela has won
the NJP Early Career Award 2017**



The *New Journal of Physics* Editorial Board, the Deutsche Physikalische Gesellschaft (DPG) and the Institute of Physics (IOP) have selected Dr. Alejandro González Tudela (Photo: MPQ), a young scientist in the Theory Division of Prof. Ignacio Cirac at the Max Planck Institute of Quantum Optics, as the winner of the *New Journal of Physics* Early Career Award for 2017. The award panel chose him among 33 candidates as the strongest candidate based on the wide range of topics in his research, his strong publication history, the variety

of research collaborations he has forged and the early independence and leadership he has shown in his research career to date. In particular, it emphasizes his “excellent scientific achievements across a broad range of topics and significant contributions to the theory of quantum emitters with dielectric and metallic materials.”

Alejandro González Tudela, born in Murcia (Spain) in 1985, studied physics at the Universidad Autónoma de Madrid (UAM), where he graduated in 2008 and performed his Master (2008/2009) and PhD studies (2009/2013) in the Theoretical Condensed Matter Physics Department under the supervision of Prof. Carlos Tejedor de Paz. In January 2013 he defended his doctoral thesis – which was awarded the PhD Extraordinary Prize – with *summa cum laude*. After the PhD, he joined the Theory Division of Professor Ignacio Cirac, where he obtained both the Alexander von Humboldt and Marie Curie Fellowships. Currently, he is still a senior post-doctoral researcher at the Theory Division.

His research lies at the interface between quantum optics, nano-photonics and quantum many-body physics, with important contributions to the fields of quantum plasmonics, atom-nanophotonics and correlation spectroscopy. Dr. González Tudela studies, for instance, the possibilities of using nano-photonics structures to develop new protocols for quantum information and simulation. *Olivia Meyer-Streng*

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