

Press Release

Alejandro González Tudela wins RSEF-BBVA Prize for Young Researchers

The Royal Spanish Society for Physics (Real Sociedad Española de Física, RSEF) and the BBVA Foundation honour the Max Planck alumnus for his groundbreaking research in theoretical physics.

Garching, November 8th, 2018 – **The Selection Committee for the Young Investigator Prize awarded annually by the Royal Spanish Society of Physics and the BBVA Foundation has conferred the honour on the quantum theorist Alejandro González Tudela. A field of 63 candidates had been nominated for the distinction.**



Alejandro González Tudela worked at the Max Planck Institute of Quantum Optics from 2014 until mid-2018. | Photo: MPQ

The jury's decision was motivated primarily by his high scientific reputation in the fields of nanophotonics and quantum plasmonics. According to the citation, González Tudela has an impressive publication record, has established a multidisciplinary profile, and his contributions to these fields have received international recognition. In addition, the jury lauds his soundly based and extraordinarily individual working methods, which have enabled him to open up entirely new areas of research.

“Alejandro González Tudela is a very brilliant junior researcher in theoretical physics. Thanks to his wide-ranging expertise and his creativity, he is developing theories, which are of fundamental significance for future research,” says Ignacio Cirac (Director of the Theory Division of the Max Planck Institute of Quantum Optics) of the achievements of his former research associate.

Only last year González Tudela received the NJP Early Career Award, a distinction bestowed on highly promising young investigators by the Editorial Board of the New Journal of Physics, the German Physical Society (DPG) and the Institute of Physics (IOP).

Profile

Alejandro González Tudela, born in 1985 in Murcia (Spain), studied Physics at the Universidad Autónoma de Madrid (UAM). Having obtained his Master's degree in 2009, he went on to do a doctorate, which he completed (summa cum laude) in 2013. He received an 'Extraordinary PhD Prize' from the UAM for the best thesis submitted in his doctoral programme.

In the following year, he took up a postdoc position in the group led by Ignacio Cirac, Director of the Theory Division at the Max Planck Institute of Quantum Optics in Garching near Munich. During his stay at the Institute, he obtained both a Humboldt and a Marie Curie Fellowships.

Since August 2018 González Tudela works at the Institute of Fundamental Physics (IFF) in Madrid, which is run by the Spanish National Research Council (Consejo

Press Office & Public Relations

Jessica Gruber

+49 89 32905 235
jessica.gruber@mpq.mpg.de

Max Planck Institute
of Quantum Optics
Hans-Kopfermann-Str. 1
D-85748 Garching

www.mpq.mpg.de

Superior de Investigaciones Científicas, CSIC), the largest public institution dedicated to research in Spain.

Contact

Prof. Dr. Ignacio Cirac

Honorary Professor, TU München
Director at the Max Planck Institute of Quantum Optics
Hans-Kopfermann-Str. 1, Garching near Munich, Germany
Phone: +49 89 32905 705 / 736
E-mail: ignacio.cirac@mpq.mpg.de