



UPC Special Doctoral Awards 2022

The UPC recognizes two ICFO PhD graduates with the Extraordinary PhD Thesis Award

November 24, 2022

The Extraordinary PhD Awards, given annually by the Technical University of Catalonia? Barcelona Tech (UPC), aim to recognize the best doctoral theses which have obtained *cum laude* in their final PhD defense evaluation. This year, the UPC announced the list of 7 awardees in the broad area of Sciences, which include the theses of ICFO PhD graduates Dr. Pamina Winkler and Dr. Daniel Gonzalez Cuadra among the list of extraordinary doctoral works for the academic period 2

Dr. Pamina Winkler received her MSc in Physics from the University of Graz, Austria before joining the Single Molecule Biophotonics research group to carry out her PhD studies on the application of 2D photonic antenna arrays for the study of dynamic processes in living cell membranes at ultra-small confinement volumes. Dr. Winkler's thesis entitled "Novel Planar Photonic Antennas to Address the Dynamic Nanoarchitecture of Biological Membranes" was supervised by ICREA Prof. at ICFO Dr. Maria Garcia-Par

Dr. Daniel Gonzalez Cuadra received his MSc in Theoretical and Mathematical Physics from

the Ludwig Maximilians Universität and Technische Universität München before joining the Quantum Optics Theory research group at ICFO to carry out his PhD studies on Quantum Optics. Dr. Gonzalez's thesis entitled "A Cold-Atom Approach to Topological Quantum Matter Across the Energy Scales" was supervised by ICREA Prof. at ICFO Dr. Maciej Lewenstein and Prof. Alejandro Bermudez.

z. Congratulations Pamina and Daniel for this outstanding award!



Dr. Daniel Gonzalez Cuadra



Dr. Pamina Winkler