

Maria D'Antuono received the master degree in Physics -Microphysics and Structure of the Matter (110/110) in 2018. In the same year started Doctorate in Quantum Technologies at the Department of Physics of the University of Naples "Federico II". Co-author of scientific publications on the major international journals in the sector of 2D oxides. Speaker and invited speaker at numerous international congresses and author of more abstracts of presentations.

She associated with CNR SPIN (SuPerconducting and other INnovative materials and devices institute). Her current research interests the optimization of lithography techniques (with ion milling, oxygen plasma etching) to realize new nano-geometry devices based on 2D oxides; magneto-transport and field effect measurements under high magnetic field and under visible light at low temperatures; realization and electrical transport studies of tunnel and Josephson junction devices to demonstrate the existence of an unconventional superconducting order parameter in oxide nanodevices.