

## **Domenico CORONA\_CV**

Domenico Corona is a Ph.D. Student in Physics, member of the Condensed Matter Theory Group, at the University of Rome Tor Vergata; a Scientific Associate at the INFN-CSN4 and a Young Researcher at the ETSF. He earned his B.Sc. from the Sapienza University of Rome in 2020; he received his M.Sc. with honours from the University of Rome Tor Vergata in 2022, and he obtained his M.Eng. from the TH-Wildau (DE) in 2023. In 2022, he was a Research Intern at the ENEA TERIN-ICT-HPC Lab. In 2023, he was a MSCA Early-Stage Researcher at the Quantum Systems and Nanomaterials Group of the University of Exeter and at MaxLLG Ltd. (UK), within the frame of the DiSeTCom Project (H2020-MSCA-RISE-2018, G.A. ID:823728). He is the winner of 5 merit-based scholarships as Teaching and Laboratory Assistant; of an Erasmus+ Scholarship; and PI of three CINECA ISCRA Class C Projects. His current focus is on HPC in Condensed Matter Physics and Materials Science, for Advanced Energy Materials.