

Marco Fortunato received the Master degree in Physics in 2015 from “Università degli studi di RomaTre” and the Ph.D. on “Production and Characterization of ZnO/Graphene Devices for Energy Harvesting” in 2018, from University of Rome la “Sapienza”. In the biennium 2018-2020 he was a research fellow at Department of Astronautical, Electrical and Energy Engineering, at “Sapienza” University of Rome, working on fabrication and mechanical, electrical and electro-mechanical characterization of two different piezoresistive sensors:

- pressure sensors, to develop smart wearable sanitary devices, based on polymeric foam: PDMS and Ecoflex[®], loaded with graphene nanoplatelets (GNPs);
- water-based polyurethane paint strain sensors, for structural health monitoring, modified through the use of graphene nanoplatelets (GNPs).

Currently, he works as Fixed-Term Assistant Professor (RTDA) in the Department of Astronautical, Electrical and Energetic Engineering (DIAEE) at “Sapienza” University of Rome. His activity is mainly focused on fabrication and characterization, in particular through Piezoresponce Force Microscopy (PFM) and electro-mechanical measurements, of innovative piezoelectric polymer nanocomposites for energy harvesting, wearable sensors, and structural health monitoring (SHM).