

Francesca MIGLIORE- CV

Francesca Migliore received a PhD in Physics and Chemistry at University of Palermo in collaboration with STMicroelectronics in 2024. Her thesis was titled “Influence of Ionizing Radiations and Thermal Treatments on 4H-SiC Defectivity.” During the PhD she worked on the characterization of substrates and epitaxial layers of 4H-SiC using non-invasive characterization techniques, particularly steady-state and time resolved photoluminescence spectroscopy as well as micro-Raman spectroscopy.

She is currently a post-doctoral researcher at the University of Palermo, where her work focuses on the characterization and modification of the electronic properties and doping of 1L-MoS₂ through thermal treatments in different controlled atmospheres.