Roberta Farina - CV

Roberta Farina, born on February 5, 1995, is a Research Fellow at the Institute for Microelectronics and Microsystems of the National Research Council (CNR-IMM) in Catania since April 2022, under the supervision of Dr. Sebania Libertino. Simultaneously, she is a Ph.D. in Materials Science and Nanotechnology at the University of Catania, Department of Chemical Sciences, since October 2022, under the guidance of Professor Guglielmo Guido Condorelli and co-supervised by Dr. Sebania Libertino. Her research is focuses on the development of electrochemical sensors and advanced materials for environmental applications. In 2022, she obtained her Master's degree in Chemical Sciences (LM-54) from the University of Catania, with a specialization in industrial and environmental chemistry. Her thesis was carried out in the field of catalysis and photocatalysis at the Cialab laboratory, under the supervision of Professor Salvatore Scirè and Professor Roberto Fiorenza. She previously earned her Bachelor's degree in Chemistry in 2020 from the same university, with a thesis focused on the preparation of substrates for molecular sensing. She has actively participated in several scientific conferences and training schools, including the SciSiCa Joint Congress of the Sicilian and Calabrian Sections of the Italian Chemical Society, as well as international schools on nanotechnologies applied to sensors and actuators. Additionally, she has been engaged in academic outreach, delivering invited seminars on electrochemical techniques and fluorescence spectroscopy in both university and secondary school settings. She has co-authored several peer-reviewed publications in international journals, addressing topics such as electrochemical detection of polluttants in water, portable sensing systems, and catalytic materials for environmental remediation.