Biography

Hira Aman is a first-year PhD student in the Department of Engineering at the Mediterranea University of Reggio Calabria, whose research focuses on the application of machine learning tools to Raman spectroscopy data analysis. Her work explores how computational and data-driven methods can enhance the interpretation, classification, and predictive modeling of spectroscopic data, with the aim of advancing more accurate, efficient, and automated approaches to material and molecular characterization