

Umberto Dellasette

Umberto Dellasette was born and raised in Turin, Italy. He holds both a Bachelor's and a Master's degree in Physics, having completed his undergraduate studies at the University of Turin and his postgraduate work in Rome. Selected as one of Italy's top 100 students for his Master's program, Umberto graduated in July 2024, driven by a deep curiosity about the physical laws of nature. Currently, Umberto is a researcher at the Consiglio Nazionale delle Ricerche (CNR), within the Institute of Nanotechnology (CNR-Nanotec). His work focuses on the development of smart integrated devices for optical and optoelectronic applications, with a particular emphasis on cutting-edge materials like Metal Halide Perovskites (MHP). He specializes in non-conventional lithographic processes that utilize bottom-up self-assembly mechanisms. In addition to his academic achievements, Umberto is passionate about trekking and mountain activities, as well as the development and use of open-source software. Known for his curiosity and persistence, he values kindness and fairness deeply. As he progresses in his research career, he remains driven by a desire to unlock the mysteries of nature's most perplexing phenomena.