

Mattia Beccaceci is a first year PhD student in Sapienza University of Rome, carrying on his research in Nanophotonics Lab under the supervision of Prof. Rinaldo Trotta. He mainly worked on GaAs semiconductor Quantum Dots embedded in photonic cavities based on Circular Bragg Resonators as entangled photon sources for quantum communication. At the moment, he is exploiting these nanostructures to enable spin-photon interface from remote quantum emitters.