

PHYSICS

INRiM - Quantum measurement (3)

Funded By	I.N.R.I.M. - ISTITUTO NAZIONALE DI RICERCA METROLOGICA [Piva/CF:09261710017]
Supervisor	BUFALINO STEFANIA - stefania.bufalino@polito.it
Contact	Ivano Ruo Berchera Marco genovese
Context of the research activity	Study of quantum enhanced measurements in optical domain.
Objectives	The student will acquire know-how in the field of quantum metrology, imaging & sensing, by collaborating on an experiment in quantum optics addressed to improve optical measurements by exploiting peculiar properties of quantum optical states, such as entanglement.
Skills and competencies for the development of the activity	We are looking for candidates with a degree in Physics or Electronic engineering or equivalent.