

# PHYSICS

## INRiM - Quantum measurement

<b>Funded By</b>	I.N.R.I.M. - ISTITUTO NAZIONALE DI RICERCA METROLOGICA [Piva/CF:09261710017]
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<b>Context of the research activity</b>	Study of quantum enhanced measurements in optical domain.
<b>Objectives</b>	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.
<b>Skills and competencies for the development of the activity</b>	MS in Physics or in Electronic Engineering or in equivalent field.