

PhD Physics - 19th Cycle

Name and Surname	Title of the Thesis	Tutor	Graduation year
Mauro Antezza	Thermal dependence of the Casimir-Polder-Lifshitz force and its effects on ultra-cold gases	L. Pitaewskii	2006
Shivakiran Bhaktha	Fabrication and Characterization of Silica based Rare-earth Doped Waveguides and 1-D Photonics Crystals for Integrated	M. Montagna	2006
Andrea Chiappini	Realization and characterization of confined structures: control of optical and spectroscopic properties	M. Montagna	2006
Maria Silvia Defrancesco	Rapporti fra apprendimento formale e informale: alcune proposte	S. Oss	2006
Sara Della Monaca	Study of the inclusive transverse responses for three-nucleon systems with the Lorentz Intgral Trasform Methods	G. Orlandini	2007
Valentina Forini	Non trivial string backgrounds: tachyons in string field theory and plane-waves in DLCQ strings	G. Nardelli	2006
Silvia Larcheri	Joint use of X-ray synchrotron radiation microbeams and tip assisted photon detection for nano-scale EXAFS spectroscopy and chemically sensitive surface mapping	G. Dalba	2007
Fabrizio Logiurato	Interdeterinazione interferenza entanglement. Interpretazioni e misinterpretazioni nei fondamenti della teoria dei quanti	S. Oss	2007
Francesco Operetto	Stydy of the properties of pure and defective hydrogen crystals with Quantum Monte Carlo Methods	F. Pederiva	2007
Luca Pezzè	Quantum interferometry with photons and Bose-Einstein condensates	S. Stringari	2007



PhD Programme in Physics

Rossi Barbara	Vibrational and Structural properties of cyclodextrin inclusion complexes: raman scattering and numerical simulation	G. Viliani	2006
Marco Vaccari	Local dynamics and negative thermal expansion: an EXAFS study of CuCl	G. Dalba	2006
Luca Zampedri	Fabrication and assessment of sol-gel silica-based photonics systems improving spectroscopic properties at 1.5 μm	M. Montagna	2007