

PhD Physics - 16th Cycle

Name and Surname	Title of the Thesis	Tutor	Graduation year
Lucrezia Aversa	Synthesis and growth of thin films by Supersonic Molecular Beams (SuMBE): an "in situ" study of the interaction of fullerene and phthacocyanine with the Si Surface	S. Iannotta	2004
Andrea Bertoldi	Intrappolamento di atomi neutri mediante potenziali statici combinati	D. Bassi, L. Ricci	2004
Massimo Cazzanelli	Nonlinear optical properties of silicon nanocrystals	L. Pavesi	2003
Alessandro Chiasera	Fabrication and characterization of optical planar waveguides activated by erbium ions for 1.5 μ m application	M. Montagna	2003
Pietro Franceschi	Dinamica delle collisioni reattive tra ioni e molecole	D. Bassi	2004
Alex Giacomini	Two dimensional conformal symmetry and the microscopic interpretation of black hole entropy	L. Vanzo	2004
Mauro Hueller	Geodesic motion of LISA test mass: development and testing of drag-free position sensors	S. Vitale	2004
Meret Krämer	Bose-Einstein condensates in rotating traps and optical lattices	S. Stringari	2004
Emilio Mosca	Head mounted display, una soluzione ottica innovativa	R. Antolini	2004
Alessio Recati	Some aspects of cold Atoms in reduced dimensionality: quantum computation and models of solid state physics	S. Stringari	2003
Andrea Sanson	Local dynamics in solids with negative thermal expansion: an EXAFS study of crystals with cuprite structure	P. Fornasini	2004