

PhD Physics - 20th Cycle

Name and Surname	Title of the Thesis	Tutor	Graduation year
Roberta Adamo	Surface modification and its role on reactivity, photoluminescence and solubility of silicon quantum dots	M. Scarpa	2008
Sameh Ahmed	Local dynamics and negative thermal expansion in delafossite structure: an exafs study of CuScO_2 and CuLaO_2	G. Dalba	2007
Chiara Broggio	Realizzazione e caratterizzazione di un apparato in onda evanescente per studi di biofisica molecolare e cellulare	F.S. Pavone, R. Antolini	2007
Giacomo Ciani	Free-fall of LISA test masses: a new torsion pendulum facility to test linear motion	S. Vitale	2008
Gabriele Compostella	Measurement of the top quark pair production cross section in the Missing ET plus jets channel at CDF	I. Lazzizzera	2008
Alessandro Cristoforetti	Imaging, modelling and simulation techniques for study and treatment of cardiac arrhythmia".	R. Antolini	2009
Marco Cristoforetti	Chiral Dynamics in light hadrons with instantons	M.C. Traini	2007
Beniamino Danese	Objetcts and history in physics education	S. Oss	2007
Luigi Ferraioli	Luminescent and dielectric properties of low dimension silicon strustures formed in various matrices	L. Pavesi	2007
Stefano Gandolfi	The auxiliary field diffusion Monte Carlo method for nuclear physics and nuclear astrophysics	F. Pederiva	2007



PhD Programme in Physics

Paola Leaci	Development of wide band gravitational wave detectors	G.A. Prodi	2008
Mario Nadalini	Hawking radiation as a dynamical process for stationary and dynamical black holes	S. Zerbini	2007
Neinesh Patel	The role of thin film in hydrogen science and technology	A. Miotello	2007
Barbara Patton	Produzione di idrogeno da idrolisi di NaBH ₄ catalizzata da metalli di transizione	A. Miotello	2007
Sebastiano Pilati	Studies of ultracold gases using quantum Monte Carlo techniques	S. Giorgini	2008
Stefano Prezioso	Electric transport and light emission in silicon rich dielectrics	L. Pavesi	2008
David Tombolato	A laboratory verification of the force disturbance physical model for the LISA path finder free fall demonstration mission	S. Vitale 2008	2008