

PhD Physics – 21st Cycle

Name and Surname	Title of the Thesis	Tutor	Graduation year
Lucia Dandrea	Quantum Monte Carlo Methods applied to strongly correlated and highly inhomogeneous many Fermion Systems	F. Pederiva	2009
Matteo Martini	Synthesis and optical properties of fluorescein encapsulated in gold (core)/ silica (shell) architectures.	M. Montagna	2009
Michele Montobbio	String inspired non-local scalar field theories in FRW cosmologies	G. Nardelli	2009
Laura Orsingher	Vibrational dynamics in tetrahedral strong glasses: the cases of densified GeO ₂ and of GeSe ₂	A. Fontana	2009
Stefano Pegoretti	La distribuzione del gas radon indoor: analisi con moderne tecniche statistiche	A. Miotello	2008
Giorgina Scarduelli	Diagnostica di processi molecolari in scariche a pressione atmosferica	P. Tosi	2008
Rita Spano	Non linear properties of Si nanocrystals and their applications in photonics structures	L. Pavesi	2008
Chiara Stringari	Second -harmonic generation imaging of muscle tissue	R. Antolini	2008
Davide Tabarelli	La dinamica del criterio nella percezione umana	L. Ricci	2009
Laura Toniutti	Studio tramite spettroscopia positronica di difetti di tipo vacanza in idruri metallici a base magnesio e di porosità in membrane selettive	R.S. Brusa	2008
Monica Vatteroni	Toward 3D imaging: theoretical and experimental performance analysis of CMOS technologies in image sensing applications	I. Lazzizzera	2008