

PhD Physics - 17th Cycle

Name and Surname	Title of the Thesis	Tutor	Graduation year
Grigori Astrakhartchik	Quantum Montecarlo study of ultracold gases	S. Giorgini	2004
Sonia Bacca	Study of electromagnetic reactions on light nuclei with the Lorentz integral transform method	W. Leidemann	2005
Paolo Bettotti	Cristalli fotonici bidimensionali su silicio: design, fabbricazione ed impregnazione con materiali attivi	L. Pavesi	2005
Enrico Boscolo Marchi	Study of micro-structure and electrical properties of reactively sputtered W-SI-N ternary films	G. Mariotto	2004
Ludovico Carbone	Ground based investigation of force noise source for LISA	R. Dolesi	2005
Gobind Das	Study of micro-structure and optical properties fo silicon oxide based materials by vibrational spectroscopy methos	G. Mariotto	2004
Federico Fraschetti	On the afterglow of gamma-ray bursts within the embh model	L. Vanzo	2004
Maurizio Mattarelli	Tellurite glasses and oxyfluoride glass ceramics activated by er ³⁺ and tm ³⁺ for photonic applications	M. Montagna	2004
Paolo Pedri	Dynamical behavior of ultracold atomic gases	S. Stringari	2004
Sofia Quaglioni	Two-fragment reactions in the four-body nuclear system with full final state interacion	G. Orlandini	2005
Leonardo Sacconi	Cell imaging and manipulation by non-linear optical microscopy	R. Antolini	2004



PhD Programme in Physics

Marcello Segà	Structural and dynamical properties of GM3 bilayer studied by computer simulation	R. Vallauri	2005
Marco Vecchiocattivi	Cluster atomici per la produzione di armoniche di alto ordine	D. Bassi	2005