

PhD Physics – 25th Cycle

Name and Surname	Title of the Thesis	Tutor	Graduation year
Acquaviva Giovanni	Tunnelling and Unruh-DeWitt methods in curved spacetime	L. Vanzo	2013
Bianco Federica	Second order nonlinear optical phenomena in strained silicon waveguides	L. Pavesi	2013
Calzà Gabriele	Proposta e sviluppo di nuovi strumenti informali per la didattica e la comunicazione delle scienze fisiche	S. Oss	2012
Demenev Evgeny	Evolution of Arsenic nanometric distribution in Silicon under advanced ion implanatation and annealing processes	D. Giubertoni (FBK)	2013
Eccher Massimo	Study and development of a dense array concentration photovoltaic system	R. S. Brusa	2013
Larcher Marco	Localization and spreading of matter waves in disordered potentials	F. Dalfovo	2013
Mancinelli Mattia	Linear and non linear coupling effects in sequence of microresonator	L. Pavesi	2013
Matveeva Natalia	Study of Dynamic and ground state properties of dipolar Fermi gases using mean-field and Quantum Monte Carlo Methods	S. Giorgini	2013
Pandiyan Rajesh	Growth by RF sputtering and characterization of rare earth doped wide bandgap oxides	N. B. Laidani	2013
Paternsoter Giovanni	Silicon solar cells for concentrating Photovoltaics	L. Ferrario	2013
Santini Alessandra	Synthesis and characterization of nanostructures for catalysis	A. Miotello	2012
Sgrignuoli Fabrizio	Silicon nanocrystals downshifting for photovoltaic applications	L. Pavesi	2013
Taioli Simone	Correlated electron Physics: Methods and applications to materials science and related areas	M. Dapor	2013