

Ciclo 41

Cognome	Nome	Tutor, supervisor			Argomento
BROLIS	ALESSANDRO	Sara Pasquetti	Sara Pasquetti	Alberto Zaffaroni	Supersymmetric Quantum Field Theories
CARBONE	LUDOVICA	Matteo Fossati	Alberto Sesana	Mikel Falxa	Gravitational Waves with Pulsar Timing Arrays
CARMINATI	LEONARDO	Andrea Baschirotto	Valeria Vadalà		Transistor modelling for RF application
CUOMO	GIULIA	Michele Fumagalli	Davide Gerosa		Gravitational Waves and Black-Hole populations
DUCI	ALESSANDRO	Silvia Penati	Silvia Penati	Pietro Antonio Grassi	Supersymmetric generalized symmetries and topological defects.
FAGGIONATO	MARCELLO	Andrea Giachero	Marco Faverzani	Federica Mantegazzini	Superconducting circuits based on Josephson Junctions
FULGHIERI	MICHELE	Michele Fumagalli	Alejandro Benitez Llambay		Cosmological simulations
GARCIA	MATILDE	Matteo Fossati	Davide Gerosa		black holes and gravitational waves
LUO	CHANGKAI	Paola Mantica	Alberto Mariani		
MARIANI	LEONARDO	Tommaso Tabarelli de Fatis	Matteo Borghesi	Lucia Canonica	Gravitational wave detection with acoustic resonators
MERONI	GIORGIO	Giuseppe Chirico	Mario Marini		Holographic Scattering-Compensated Microscopy
MUCEDOLA	SAMUEL	Davide Gerosa	Alberto Sesana	Alessandro Lupi	PTA Astrophysics
NOVARA	REBECCA GIULIA	Marco Tardocchi	Massimo Nocente	Rui Coelho	Simulations of energetic particles in fusion devices
PERACCHI	DANIELE	Luca Gironi	Irene Nutini	Stefano Dell'Oro	Development of detectors for rare-event physics
					Esperimento DUNE (long-baseline neutrino experiment): analisi dati e run ProtoDUNE VD, sviluppo DUNE Fase II, preparazione e costruzione ProtoDUNE-III
PIEMONTI	GLORIA	Francesco Terranova	Claudio Gotti		
QUARTIROLI	CAMILLA	Andrea De Luca	Andrea Giuliani	Silvia Crestan	High Energy Astrophysics with ASTRI
RANCATI CATTANEO	GIULIA	Federico Nati	Mario Zannoni	Gabriele Coppi	development of instrumentation for CMB calibration
RUGGIERI	SANTE	Silvia Penati	Silvia Penati	Stefano Baiguera	Non-relativistic Supersymmetry on Curved Spacetime
SPEZIALI	RICCARDO	Francesco Terranova	Andrea Ficorella	Alberto Gola; Claudio Gotti	Neutrino, DUNE, SiPM, ProtoDUNE, criogenia
TONIOLO	DIEGO	Leonardo Giusti	Michele Pepe		Lattice Field Theories and Computational Physics
TROMBETTA	LAURA	Luca Pattavina	Nahuel Ferreiro Iachellini		Sviluppo di detector criogenici e studi di sensibilità $\sqrt{f}$ per l'esperimento RES-NOVA