STUDENTE	RELATORE	TITOLO TESI	CONTRORELATORE
BAGAGLI ALESSANDRO	ELISA ERCOLESSI	An attempt to understand thermodynamics in 2D in the light of string theory	FRANCESCO RAVANINI
BATTISTI FEDERICO	SERGIO BERTOLUCCI	Monitoring of the DUNE long baseline neutrino beam with SAND detector	GABRIELLA SARTORELLI
BERTOLUCCI FEDERICO	TOBIAS CRAMER	Controlling strain stiffening in elastomeric composites by nanofiber network architecture	LUCA PASQUINI
CALCINARI ANDREA	ROBERTO BALBINOT	Loop Quantum Gravity: Quantum Space and New Coherent States from Twisted Geometries	FABIO MALTONI
CALVANESE GIORDANO	ARMANDO BAZZANI	Volumetric Deep Learning Techniques in Oil & Gas Exploration	SILVIA CASTELLARO
CATANZARO ALESSIO	ARMANDO BAZZANI	Random Matrix Theory and Renormalization Group: Spectral Theory for Network Ensembles	DANIEL REMONDINI
CHILÀ DEBORAH	NICO LANCONELLI	Dose tracking in Radiation Oncology using daily CBCT: effects of physical parameters on dose calculation accuracy	CLAUDIA TESTA
CORRADINI DANIELE	DANIEL REMONDINI	Statistical Characterization of Cultured Neural Networks Activity recorded via MEA	DANIELE BONACORSI
DE SANTIS ALESSIO	FABIO MALTONI	Large N expansion for scattering amplitudes in QCD	GIAN PAOLO VACCA
DELL'ANNA FEDERICO	ELISA ERCOLESSI	Quantum Fisher Information for bilinear-biquadratic model	ARMANDO BAZZANI
DI PEDE SERENA	MAXIMILIANO SIOLI	Guard rings investigation of silicon sensors with modified pixel implant shapes in the context of the ATLAS experiment	ROSARIO NANIA
FERRARESI DAVIDE	GASTONE CASTELLANI	Effects of meteorology on PM10 concentrations: a comparative assessment of machine learning methods	MARIA PIA MORIGI
FORINO PAOLA CATERINA	SAMUELE SANNA	Nuclear magnetic resonance study of the electron doped Dirac-Mott Insulator double perovskite Ba2Na(1-x)CaxOsO6	FEDERICO BOSCHERINI
FRANZINI TOMMASO	FRANCESCO RAVANINI	Thermodynamic Bethe Ansatz for a Family of Scattering Theories with U_q(sl(2)) Symmetry	ROBERTO ZUCCHINI
GUARRERA MARIACRISTINA	MARIA PIA MORIGI	Dosimetria e spettroscopia per fasci di protoni laser-driven con film radiocromici	NICO LANCONELLI
LIPPOLIS DAVIDE GIOSUÈ	ENRICO GIAMPIERI	Stochastic modeling of fluctuations in the NF-kB activity of neoplastic cells	MAXIMILIANO SIOLI
LONGINO BRANDO	FRANCESCO RAVANINI	Exact S-matrices for a class of 1+1-dimensional integrable factorized scattering theories with Uq(sl2) symmetry and arbitrary spins	DAVIDE FIORAVANTI
MARIANI TOMMASO	NICO LANCONELLI	Deep Reinforcement Learning for Industrial Applications	LORENZO RINALDI
MIRABELLI ALESSANDRO JAMES	BEATRICE FRABONI	Highly Efficient Monolithic Perovskite/Silicon Bifacial Tandem Solar Cells	DANIELA CAVALCOLI
ROSSI FRANCESCA	CLAUDIA TESTA	MRI data acquisition and processing for human brain Quantitative Susceptibility Mapping	GIUSEPPE BALDAZZI
ROSSI MONICA	NICOLETTA MAURI	Future constraints on neutrino properties with Euclid	MARCO SELVI
SALERNO GIANLUIGI	ANGELO CARBONE	Theory of semileptonic B → D(∗)lv decays and sensitivity studies to new physics effects	ANDREA CASTRO

TAMBINI DANIELE	BEATRICE FRABONI	Parylene-N in Transparent Thin Film Transistor	SAMUELE SANNA
TIBALDI SIMONE	ELISA ERCOLESSI	Deep Learning Topological Phases of Matter	CRISTIAN DEGLI ESPOSTI BOSCHI