



UNIVERSITÀ
degli STUDI
di CATANIA



DIPARTIMENTO DI FISICA E ASTRONOMIA
“ETTORE MAJORANA”

7 ottobre 2025 – h. 9.00

Sala Conferenze DFA

ESAMI DI LAUREA MAGISTRALE IN PHYSICS

COMMISSIONE

Prof. Silvio Cherubini (**Presidente**); Prof. Colonna M.; Prof. Ruggieri M.; Prof. Plumari S.; Prof. Mascali D.; Prof. Pumo L. (*segretario*)

Tutti i docenti del cds (*Supplenti*)

MATR.	CANDIDATI	TITOLO TESI	RELATORE
1000067835	Piazza Carmelo	Spinodal instability in nuclear matter with light clusters	Maria Colonna Dott. S. Burrello
1000004369	Ingrosso Gaia	Real-time evolution of strong gluon fields produced in the early stage of high energy nuclear collisions	Prof. M. Ruggieri
1000067799	Elguindy Hana	Development of an Open Quantum System approach to study quarkonium decoherence with quantum master equations	Prof. S. Plumari Prof. G. Coci
1000068477	Barreda Escalona Marco Antonio	The Photon Detector System in ICARUS: simulation and reconstruction of optical signals	Prof. Catia Petta
1000055588	Buccheri Marika	Post explosive modelling of Supernova 2024ggi: insights on high energy neutrino emission	Prof. M. L. Pumo Dr. S. P. Cosentino
1000067215	Díaz Lobo Pablo	Studying electron dynamics in ECR plasmas with self-consistent numerical codes for the PANDORA project	Prof. D. Mascali Dr. A. Pidatella Dr. B. Mishra
1000084961	Nieto Gallego Pablo	Mean-Field Instabilities and In-Medium Properties of Light Clusters in Dilute Nuclear Matter	Maria Colonna Dott. S. Burrello

1000068205	Arfeen Shams Ul	Study of Transport Coefficients in a Relativistic Transport Approach Using the Green-Kubo Relations	Prof. V. Greco Prof. S. Plumari
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Catania 02/10/2025



Il Presidente del CdLM in Physics

Riccardo Reitano