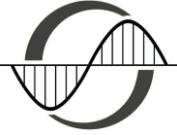




UNIVERSITÀ
degli STUDI
di CATANIA



DIPARTIMENTO DI FISICA E ASTRONOMIA
“ETTORE MAJORANA”

DOTTORATO DI RICERCA IN FISICA
CICLO XL A.A. 2024/2025

Femtoscscopy and two-particle correlations in subatomic physics

2 CFU

Teaching staff

Name Surname: Giuseppe Verde, Emanuele Vincenzo Pagano

Email: giuseppe.verde@ct.infn.it, epagano@Ins.infn.it

Office:

Reception hours: Upon students' request

Program of the course:

- Introduction to interferometry and heavy-ion collisions
- Two-particle correlations: intensity interferometry of emitting sources
- Complex fragment correlations
- Detectors and experimental techniques
- Resonance decays and correlations: nuclear thermometers and invariant mass spectroscopy

Bibliography:

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