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## Neutrino Physics

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### Teaching staff

**Name Surname:** Piera Sapienza, Giovanna Ferrara

**Email:** sapienza@lns.infn.it

**Office:** room 502 LNS

**Reception hours:** Tuesday and Thursday 10:30-13:30

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### Program of the course:

Programma corso dottorato XXXVIII A.A. 2022-2023

Introduction

Fermi theory of beta decay

Neutrino experimental evidences

Solar Neutrinos

Neutrino oscillations and neutrino properties

Cosmic neutrinos

Sterile Neutrinos

Neutrino Mass

Double beta decay

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**Bibliography:** Neutrinos In Physics And Astrophysics  
Roulet and Vissani, other material will be supply during the  
course