

1222 · 2022  
**800**  
ANNI



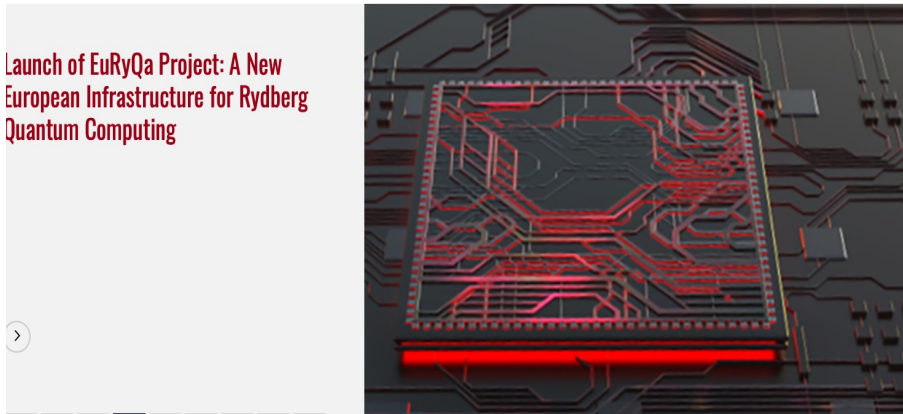
UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

- Padua's University is one of Europe's oldest: it is now celebrating 800 years since its foundation in 1222.
- Defending freedom of thought is its distinctive feature which today lives on in the University motto: "*Universa Universis Patavina Libertas*".
- Several illustrious figures studied and taught in Padua including those who have changed the cultural and scientific history, from Copernicus to Vesalius, Galileo, to William Harvey, to more modern Tullio Levi-Civita, Giuseppe 'Bepi' Colombo and many others.
- The University in numbers:
  - 32 Departments;
  - 29 Libraries;
  - 2200 Academic Staff;
  - 2400 Admin and Tech. Staff;
  - 63000 students;
  - 1200 PhD students; 1500 students attending specialization schools;



Old Courtyard and Tower

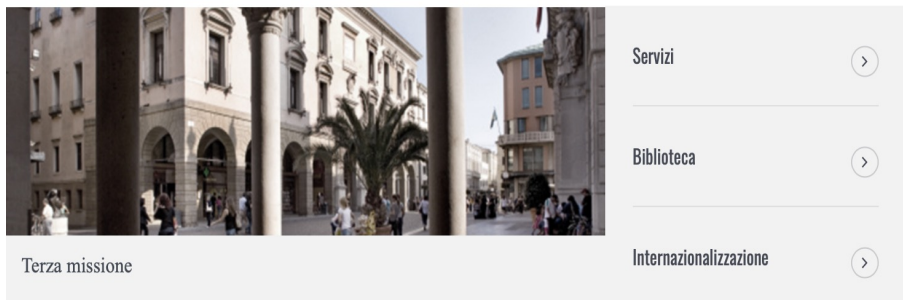
# Department of Physics and Astrophysics



DIPARTIMENTO DI FISICA E ASTRONOMIA "GALILEO GALILEI" [▶](#) [f](#) [t](#) [i](#) [o](#) [i](#)



Dipartimento      Didattica      Ricerca

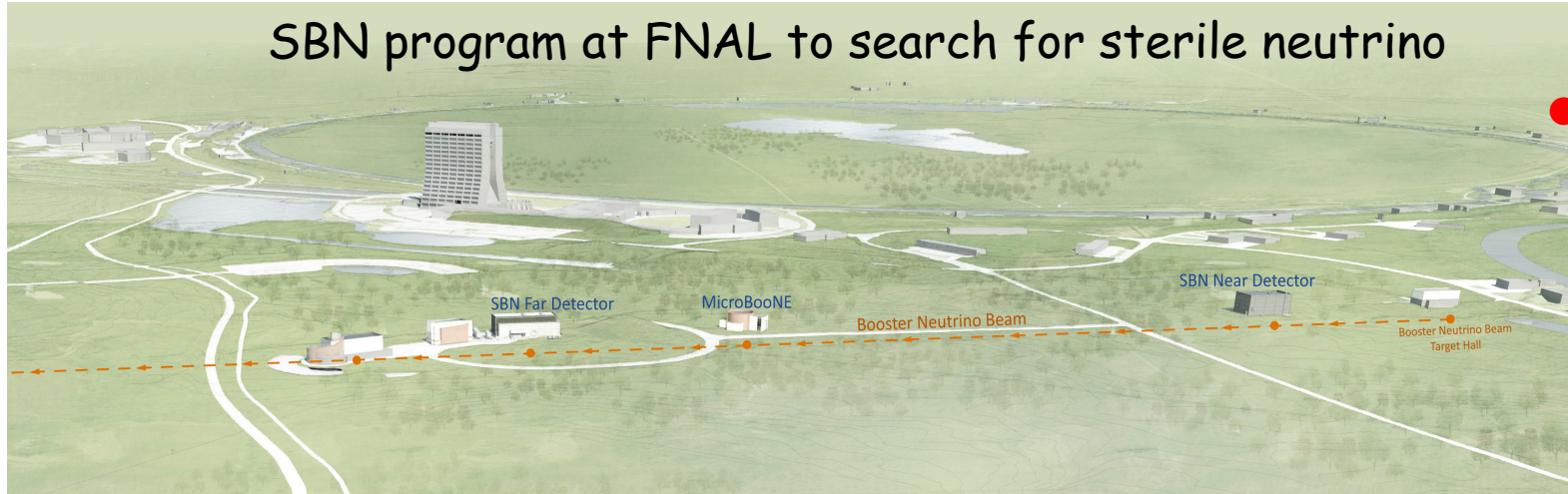


- 149 Academic Staff
- Astronomy, Astrophysics, Physics of Earth and Planets
- Theoretical and Experimental Physics of Fundamental Interactions
- Theoretical and Experimental Condensed Matter Physics
- Medical Physics
- Didactics and History of Physics
- Researchers are working in international laboratories such as: CERN, SLAC, DESY, FNAL and the most important Astronomical Observatories all over the World.
- Collaboration with national research bodies: INFN, CNR, CNISM, ENEA, INAF,
- It runs the Asiago Astrophysical Observatory.
- It takes part in the RFX consortium for controlled thermonuclear fusion.

# INTENSE: particle physics experiments at the intensity frontier

- The University of Padova is providing leading contribution to the experiments.

## SBN program at FNAL to search for sterile neutrino



- In particular:  
ICARUS TPC  
readout electronics  
and data analysis

- DUNE experiment

## Deep Underground Neutrino Detector To unveil the neutrino properties and search for proton decay

