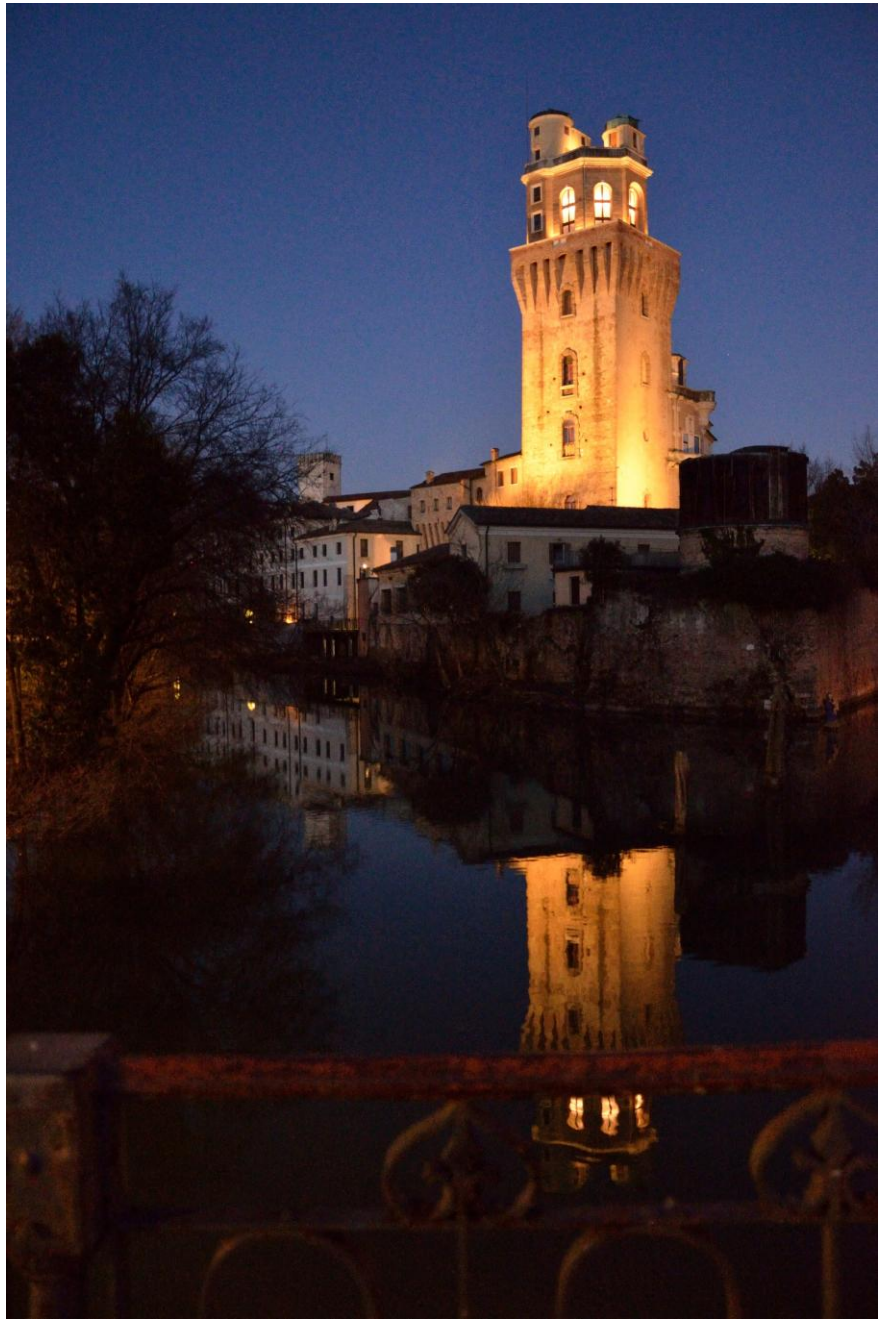
Proposal, 2028

Neutrino Physics School in Padova



Chiara Sirignano – UniPD & INFN Padova

ISAPP Steering Committee Meeting, Wien, 23 October 2026

Schedule: 4 - 14 September 2028

Venue: Department of Physics and Astronomy “Galileo Galilei” – Padova

Students: 40-45 students

Jointly supported by:

DFA www.dfa.unipd.it
INFN Padova www.pd.infn.it
INAF OAPd www.oapd.inaf.it

Our Team



Chiara Sirignano UniPD & INFN Padova



Elisa Bernardini UniPD & INFN Padova



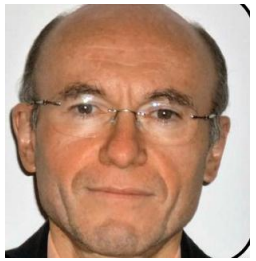
Francesco D'Eramo UniPD & INFN Padova



Stefano Dusini INFN Padova



Andrea Longhin UniPD & INFN Padova



Antonio Masiero UniPD & INFN Padova

The team that is proposing the school is strongly involved in the Neutrino Telescopes International workshop series.
This is one of the most prestigious international event in the field of Neutrino Physics.
It takes place every two years and dates back to 1988 when Prof. Milla Baldo Ceolin conceived it and launched the first edition in Venice.
Since 2025 the workshop takes place in Padova, under the patronage of UniPD and INFN.





Overview
The Venues
Committees
Scientific Program
Call for Abstracts
How to reach Padova
Local Cultural Attractions
Accommodation and Restaurants
Privacy Information
Code of Conduct
Past Editions

contact
neutel_contact@lists.pd....
mezzetto@pd.infn.it

Past Editions

- XXI International Workshop on "Neutrino Telescopes", September 29th-October 3rd, 2025
- XX International Workshop on "Neutrino Telescopes", October 23-27, 2023
- XIX International Workshop on "Neutrino Telescopes", February 18-26, 2021
- XVIII International Workshop on "Neutrino Telescopes", March 18-22, 2019
- XVII International Workshop on "Neutrino Telescopes", March 13-17, 2017
- XVI International Workshop on "Neutrino Telescopes", March 2-6, 2015
- XV International Workshop on "Neutrino Telescopes", March 11-15, 2013
- XIV International Workshop on "Neutrino Telescopes", March 15-18, 2011
- XIII International Workshop on "Neutrino Telescopes", March 10-13, 2009
- NO-VE 2008, April 15-18, 2008
- XII International Workshop on "Neutrino Telescopes", March 6-9, 2007
- NO-VE 2006, February 7-10, 2006
- XI International Workshop on "Neutrino Telescopes", February 22-25, 2005
- NO-VE 2003, December 3-5, 2003
- X International Workshop on "Neutrino Telescopes", March 11-14, 2003
- NO-VE 2001, July 24-26, 2001
- IX International Workshop on "Neutrino Telescopes", March 6-9, 2001
- VIII International Workshop on "Neutrino Telescopes", February 23-26, 1999
- VII International Workshop on "Neutrino Telescopes", February 27-March 1, 1996
- VI International Workshop on "Neutrino Telescopes", February 22-24, 1994
- V International Workshop on "Neutrino Telescopes", March 2-4, 1993
- IV International Workshop on "Neutrino Telescopes", March 10-13, 1992
- III International Workshop on "Neutrino Telescopes", February 26-28, 1991
- II International Workshop on "Neutrino Telescopes", February 13-15, 1990
- I International Workshop on "Neutrino Telescopes", November 17-19, 1988

Schedule

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
4 Arr	5	6	7	8	9 Visit to LNL	10 Free
11	12	13	14 Dep			

- 8 days school
- Students' check-in on Monday September 4th
- Students' check-out on Thursday September 14th
- Guided visit to Legnaro National Laboratory (INFN LNL) on Saturday September 9th

Topics

- Neutrino Phenomenology
- Neutrino Detection Technologies
- Reactor Neutrinos
- Accelerator Neutrinos
- Neutrino-less Double Beta Decay experiments and direct neutrino mass measurements
- Solar Neutrinos
- Neutrino telescopes and Multimessenger Astrophysics
- Neutrinos and Cosmology
- Statistical Methods for Neutrino Physics
- Machine Learning and event reconstruction

INFN National Laboratories in Legnaro (INFN LNL)



Located about ten kilometers east of Padova, established in 1961.

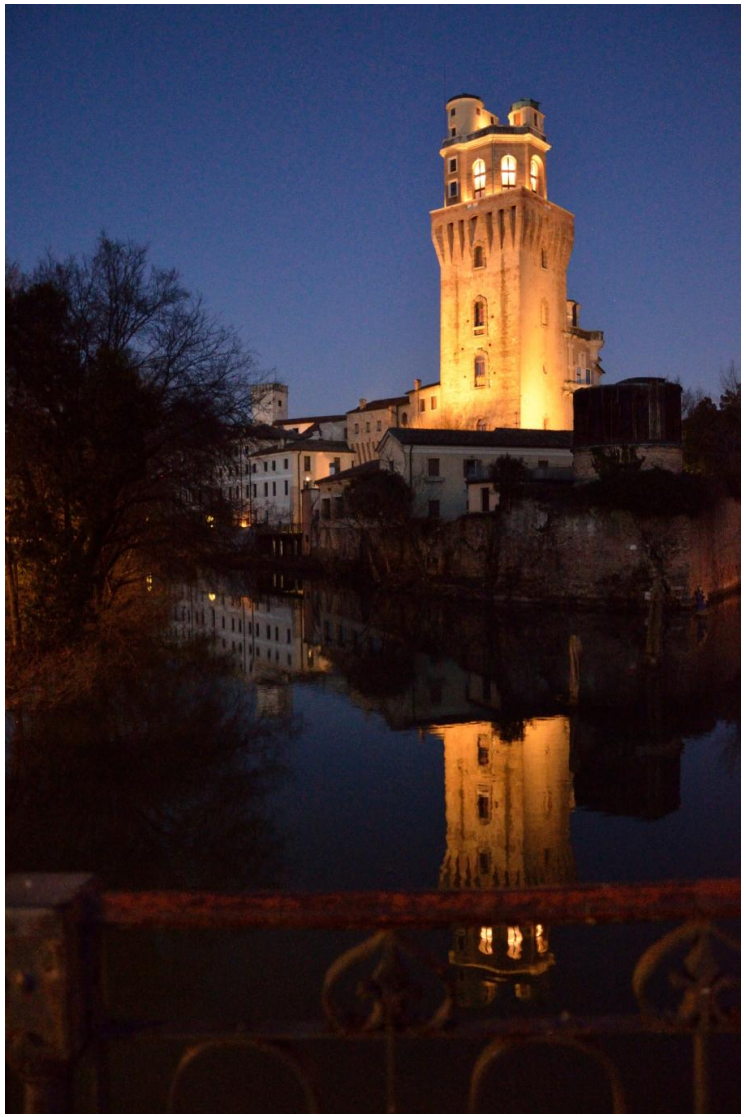
The accelerators provide ion beams for nuclear physics and nuclear astrophysics studies and interdisciplinary research.
The quality of the stable ion beams, ranging from hydrogen to lead, establishes the laboratory as a world-class research center in low-energy nuclear physics, recognized as a European Large-Scale Facility.

Several experimental set-up related to neutrino experiments (i.e. JUNO, GERDA-LEGEND, T2K) are hosted at LNL.

Lecture hall

We plan to have lectures in Aula Rosino (up to 50 students), located in the Physics and Astronomy Department in the city center.
This lecture all is next to the INAF OAPd site; hosted in the old Astronomical Observatory established in Padova about 250 years ago, the so-called *Specola*.





Housing

- The University of Padova holds guesthouses providing accommodation for visiting lecturers
- Several hotels and B&B are available in the city center, and we can provide a list of them to the students.

Padova highlights











Budget

FREE
- Lecture hall

EXPECTED EXPENSES
- travel and housing for lecturers
- coffee breaks
- meals

FUNDING OPTIONS
- University of Padova
- INFN
- INAF
- Students' fee