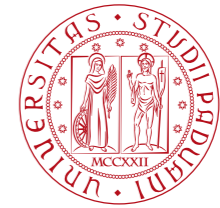


Welcome to ISAPP 2024: Particle Candidates for Dark Matter



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

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di studi superiori



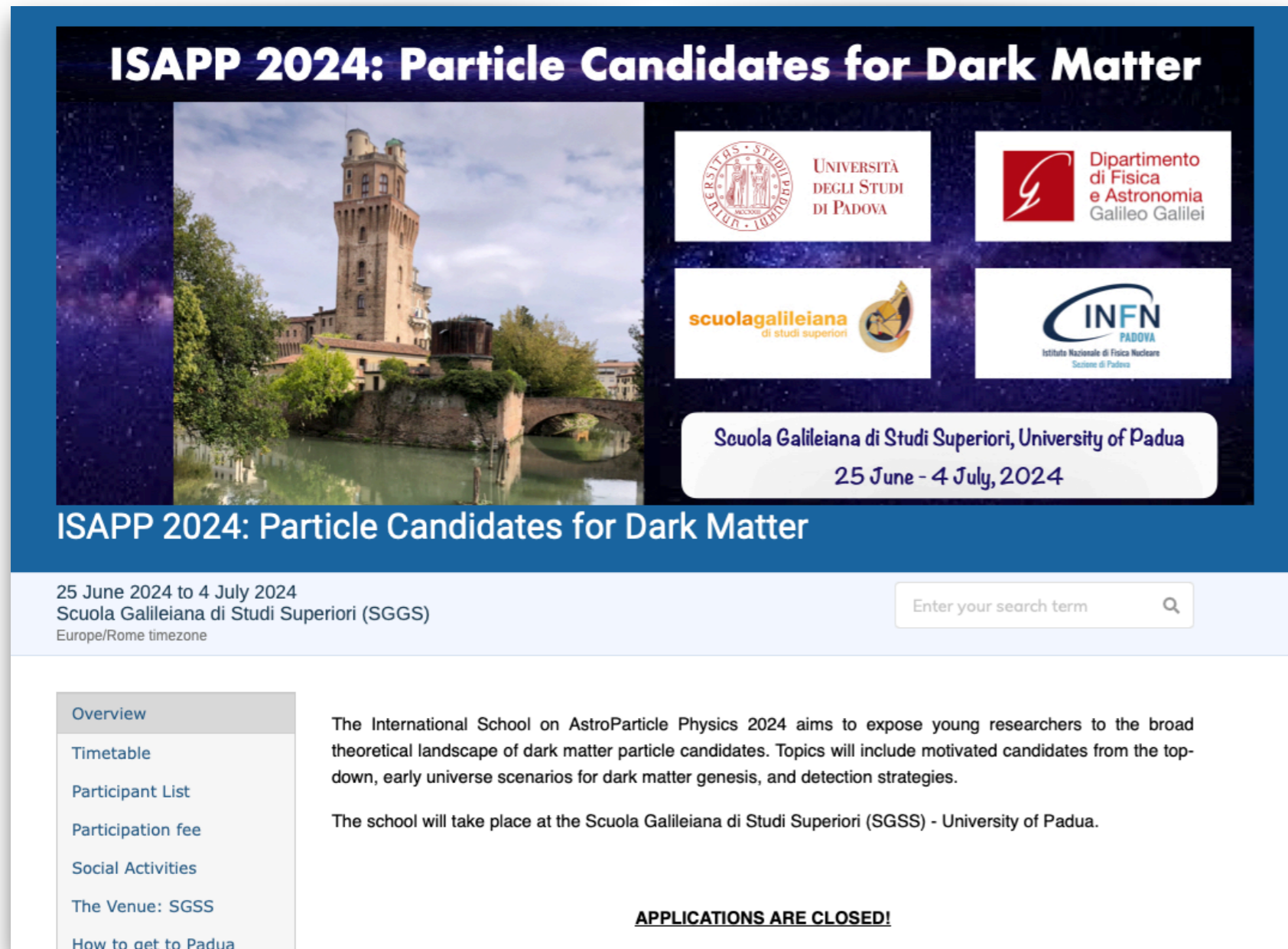
Dipartimento
di Fisica
e Astronomia
Galileo Galilei



Istituto Nazionale di Fisica Nucleare
Sezione di Padova

Scuola Galileiana di Studi Superiori, Università degli Studi di Padova
25 June - 4 July, 2024

Indico Webpage



ISAPP 2024: Particle Candidates for Dark Matter

25 June 2024 to 4 July 2024
Scuola Galileiana di Studi Superiori (SGGS)
Europe/Rome timezone

Enter your search term

Overview
Timetable
Participant List
Participation fee
Social Activities
The Venue: SGSS
How to get to Padua

The International School on AstroParticle Physics 2024 aims to expose young researchers to the broad theoretical landscape of dark matter particle candidates. Topics will include motivated candidates from the top-down, early universe scenarios for dark matter genesis, and detection strategies.

The school will take place at the Scuola Galileiana di Studi Superiori (SGSS) - University of Padua.

APPLICATIONS ARE CLOSED!



<https://indico.dfa.unipd.it/event/864/>

Activities for Today



GONG SHOW
Lecture room at 4:00 pm

WELCOME RECEPTION
Outside at 5:30 pm



Flash Talks by Students

Wednesday, June 26
5:30 - 6:30 pm

BSM Physics Opportunities with Far-Forward Experiments at a 100 TeV Proton Collider	<i>Jyotismita Adhikary</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	17:30 - 17:40
Sensitivities for DM search in the Galactic Center with KM3NeT/ORCA-6	<i>Adriana Bariego Quintana</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	17:40 - 17:50
Axion paradigm with "coloured" neutrino masses	<i>Aditya Batra</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	17:50 - 18:00
Introduction to the CRESST experiment	<i>Eleonora Rebecca Cipelli</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	18:00 - 18:10
Listening for ultra-heavy dark matter with underwater acoustic detectors	<i>Damon Cleaver</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	18:10 - 18:20
Global Fits of sub-GeV Dark Matter	<i>Taylor Gray</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	18:20 - 18:30

Monday, July 1
4:15 - 5:25 pm

The Inner Dark Matter Distribution in Hydrodynamic Simulations	<i>Abd El Aziz Hussein</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	16:15 - 16:25
Axion-Photon Sensitivity with NuSTAR Observations of M82 and M87	<i>Orion Ning</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	16:25 - 16:35
ALPs searches on galactic sources using the HAWC Observatory	<i>Alvaro Pratts</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	16:35 - 16:45
Slow Stable Hybrid Stars	<i>Ishfaq Ahmad Rather</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	16:45 - 16:55
Minimal U(1) two-Higgs-doublet models for quark and lepton flavour	<i>José Rocha</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	16:55 - 17:05
A high Quality factor dielectric Fabry-Perot cavity for detecting dark matter axions	<i>Jiacheng Shi</i>
<i>Aula Magna, Scuola Galileiana di Studi Superiori (SGGS)</i>	17:05 - 17:15
R&D of dark matter cryogenic detectors: study of impact of an aluminium layer as a shield against magnetic fields	<i>Marco Zanirato</i>

Social Dinners

**Thursday, June 27
8:00 pm**



**RISTORANTE
ISOLA DI CAPRERA**

**Wednesday, July 3
8:00 pm**



**RISTORANTE
LA VECCHIA PADOVA**

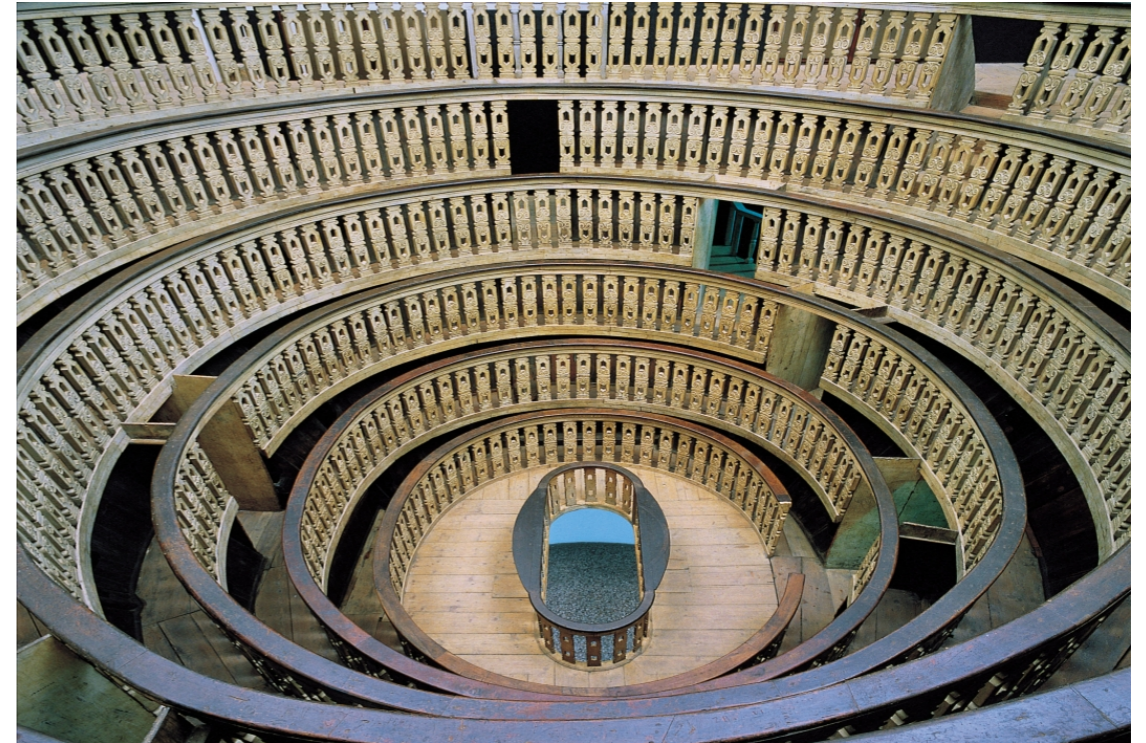


REGISTRATION

MANDATORY

(instructions on the last slide)

Visit to Palazzo Bo



**Monday, July 1
6:15 pm**



REGISTRATION
MANDATORY

(instructions on the last slide)

Social Events Registration



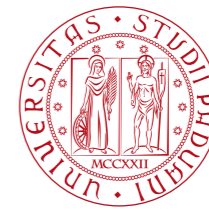
REGISTRATION FOR THE SOCIAL DINNERS AND PALAZZO BO

The screenshot shows a registration page with a sidebar on the left containing links for "The Venue: SGSS", "How to get to Padua", "Suggested Accomodations", and "Contact" (with email "francesco.deramo@pd.i..."). The main content area has a header "APPLICATIONS ARE CLOSED!". Below this is a "CONFIRMED LECTURERS" list with names and affiliations. Further down are sections for "ORGANIZING COMMITTEE" and "SECRETARIAT". At the bottom, there are event details: "Starts 25 Jun 2024, 08:30" and "Ends 4 Jul 2024, 18:00" (Europe/Rome), and the location "Scuola Galileiana di Studi Superiori (SGGS) Aula Magna, Via Venezia, 20, 35131 Padova PD". A "Go to map" link is provided. There is also a "Francesco D'Eramo" profile and a PDF link "ISAPP2024_Padua.pdf". At the very bottom, a blue bar contains the text "Registration Registration for this event is currently open." and a "Register now >" button, which is circled in red. A large red arrow points from the top right towards this button.

REGISTRATION DEADLINE

Wednesday, June 26, 11:00 am

Have Fun!



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