

1222-2022
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ANNI



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



Dipartimento
di Fisica
e Astronomia
Galileo Galilei



PADOVA
CONVENTION & VISITORS BUREAU
ORGANIZATION
MANAGEMENT
DESTINATION

Welcome to PADUA

Sala Rossini, Caffè Pedrocchi, 12 - 14 September 2022

Schedule (<https://indico.dfa.unipd.it/event/391/>)

Mon 12/09	
08:00	
09:00	Registration 08:30 - 09:45
	Welcome from the University of Padua Fabio Zwirner
	Welcome from the Department of Physics and Astronomy Flavio Seno
	Welcome from the Istituto Nazionale di Fisica Nucleare (INFN) Roberto Carlin
10:00	Boosting the photon coupling of the hadronic axion Andreas Ringwald
	Flavor Probes of Axion Dark Matter Robert Ziegler
11:00	Coffee Break
	Uncovering microscopic origins of axions by low energy precision physics Sang-hui Im
12:00	
13:00	
14:00	
	Axion Miniclusters: Recent Progress and Open Problems David J.E. Marsh
15:00	A self-consistent wave description of axion miniclusters and their survival in the galaxy Elisa Todarello
	Coffee Break
16:00	Dark matter search goes quantum: axion search in Padua Caterina Braggio
17:00	
18:00	Social Activity: Visit of Museo Poleni 17:30 - 19:00
19:00	

Tue 13/09	
10:00	The stochastic relaxation Geraldine Servant
	Novel Cosmological Roles and Experimental Searches of (QCD) Axions Raymond Co
11:00	Coffee Break
	Axion fragmentation Enrico Morgante
12:00	
13:00	
14:00	
	Seeking axion-like particles with gamma-ray attenuation Jose Bernal
15:00	Searching for ALP decays in the sky Marco Regis
	Coffee Break
16:00	The QCD axion mass Malte Buschmann
	Axion dark matter from strings Giovanni Villadoro
17:00	
18:00	
19:00	
20:00	Social Dinner 20:00 - 23:00
21:00	
22:00	
23:00	

- Talks begin at 10:00
- Relaxed pace
- Options for lunch
- Sala Rossini available until 6:00 pm
- Social Activities

Wed 14/09	
10:00	Slaying the Hydra of Dark Radiation Arthur Hebecker
	Novel cosmological bounds on thermally-produced axion-like particles Martina Gerbino
11:00	Coffee Break
	The Irreducible Axion Nicholas Rodd
12:00	Axion Star Explosions and the Reionization History of the Universe Miguel Escudero
13:00	
14:00	
	Low-energy Supernovae constraints on ALPs Andrea Caputo
15:00	Supernovae as axion factories: the latest developments Pierluca Carenza
	Closing and Final Coffee Break
16:00	
17:00	Social Activity: Tour of Palazzo Bo 16:45 - 18:00
18:00	

Museo Poleni: Monday at 5:30 pm

Meeting point downstairs (see the figure below) at 5:30 pm.

We will walk to the museum together, visits will start at 6:00 pm.



Social Dinner: Tuesday at 8:00 pm

Dinner in the “Sala Rossa” of
Caffè Pedrocchi at 8:00 pm

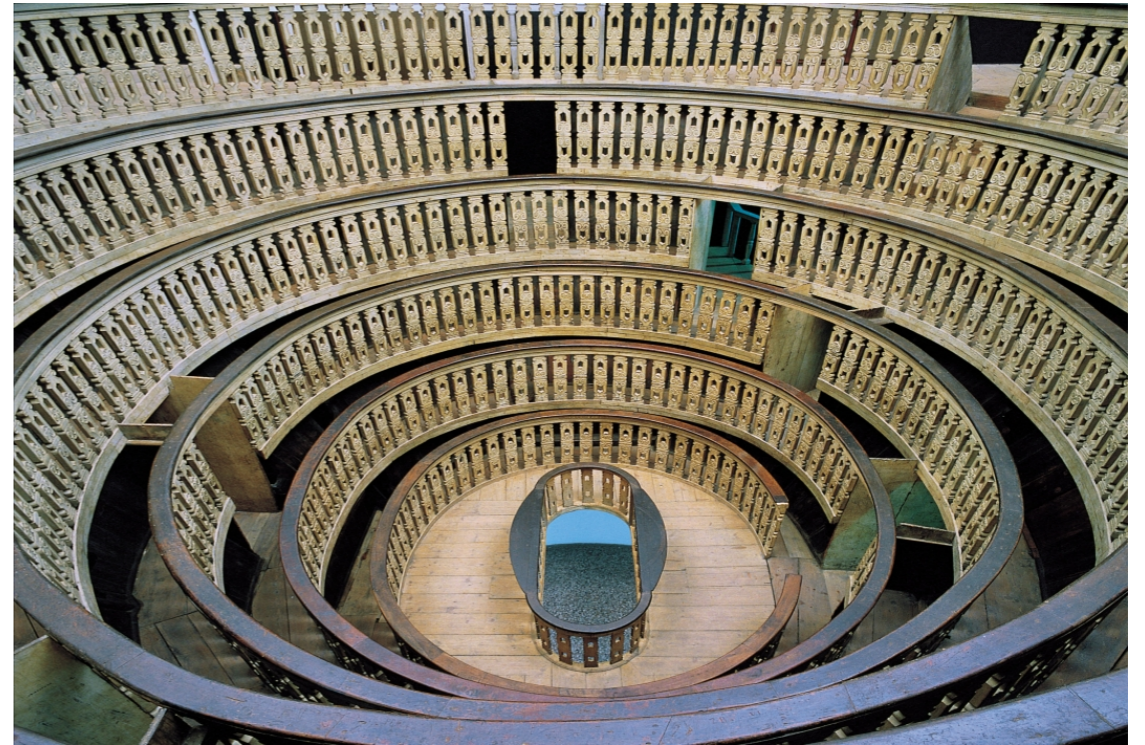


Sala Rossa
(ground floor)

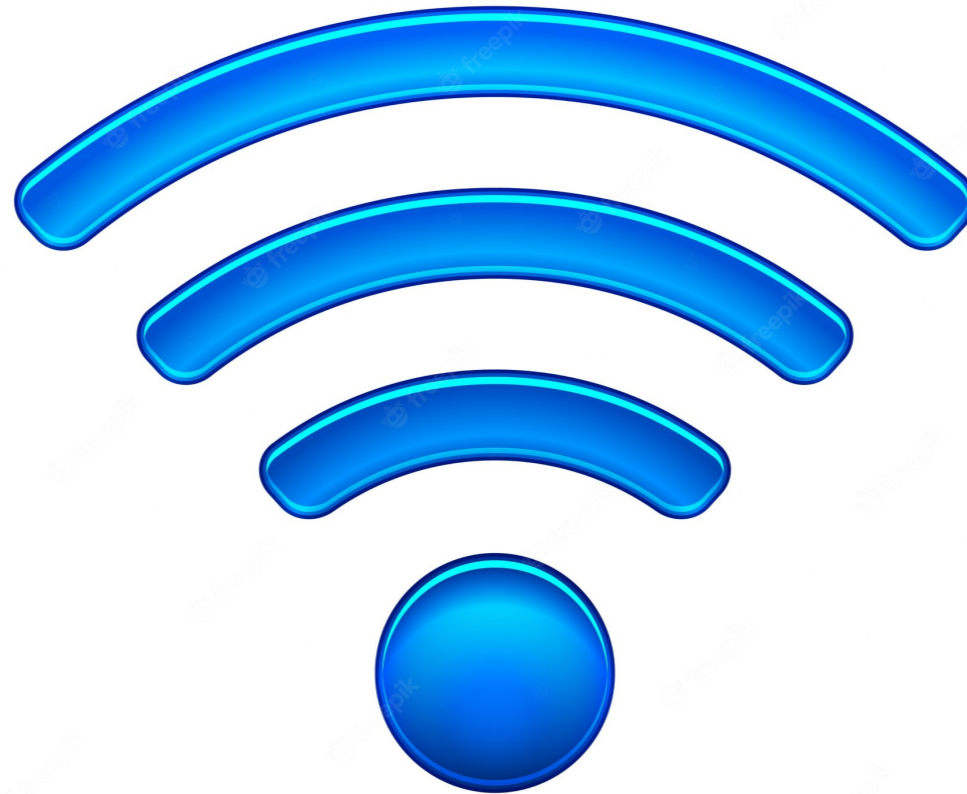
Bo Palace: Wednesday at 4:45 pm

Meeting point downstairs (see the figure below) at 4:45 pm.

Short walk together, visits will start at 5:00 pm.



Wifi Info



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Have fun!

ORGANIZING COMMITTEE:

Francesco D'Eramo, Luca Di Luzio, Antonio Masiero
Marco Peloso, Ennio Salvioni, Luca Vecchi

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