

# Welcome address

Mauro Mezzetto, INFN-Padova, for the Local Organizing Committee



Chair of Galileo, from which, according to tradition, he gave lectures - Credits: Univ. of Padova - M. Pistore

XIX International Workshop  
on Neutrino Telescopes

18-26 February 2021  
Online



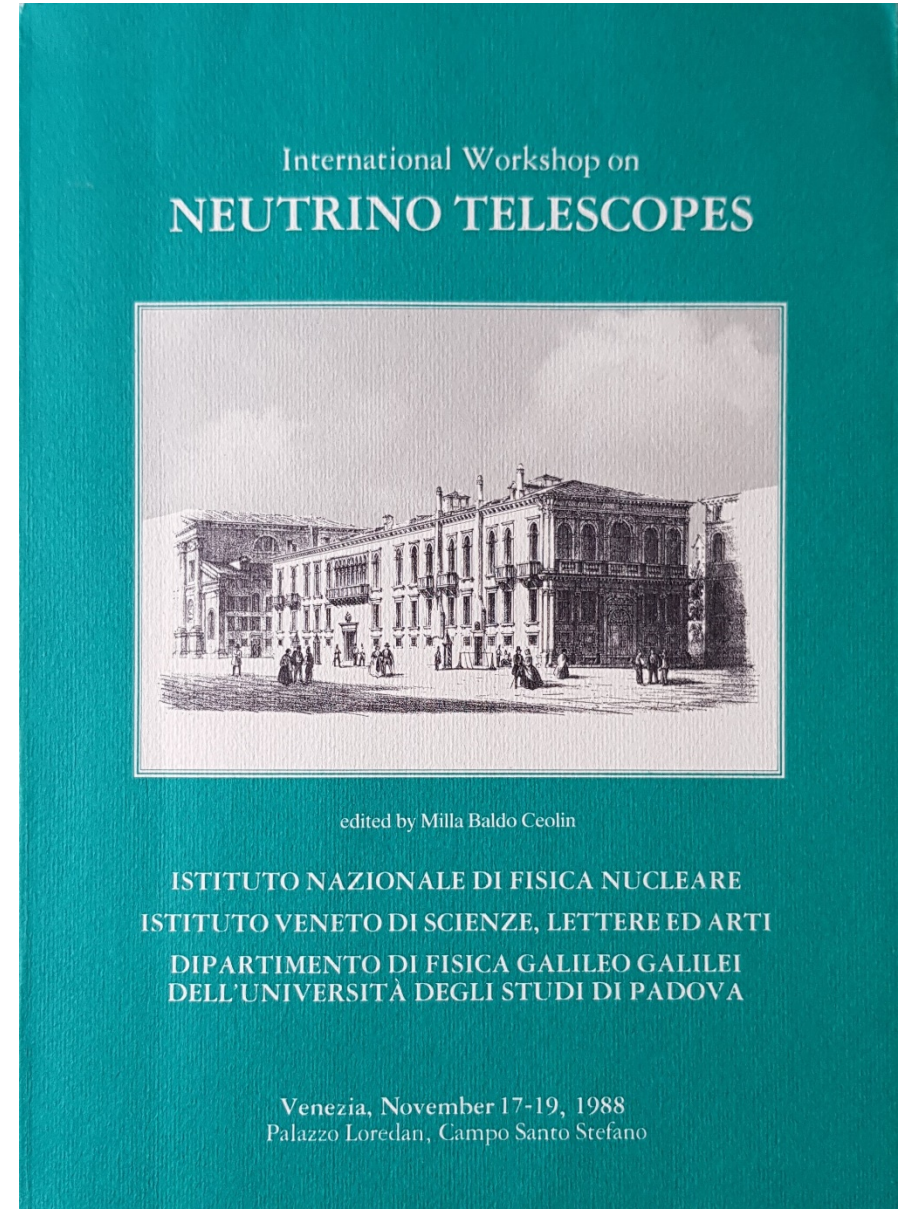
# The Workshop

Initiated in 1988 by Prof. Milla Baldo Ceolin



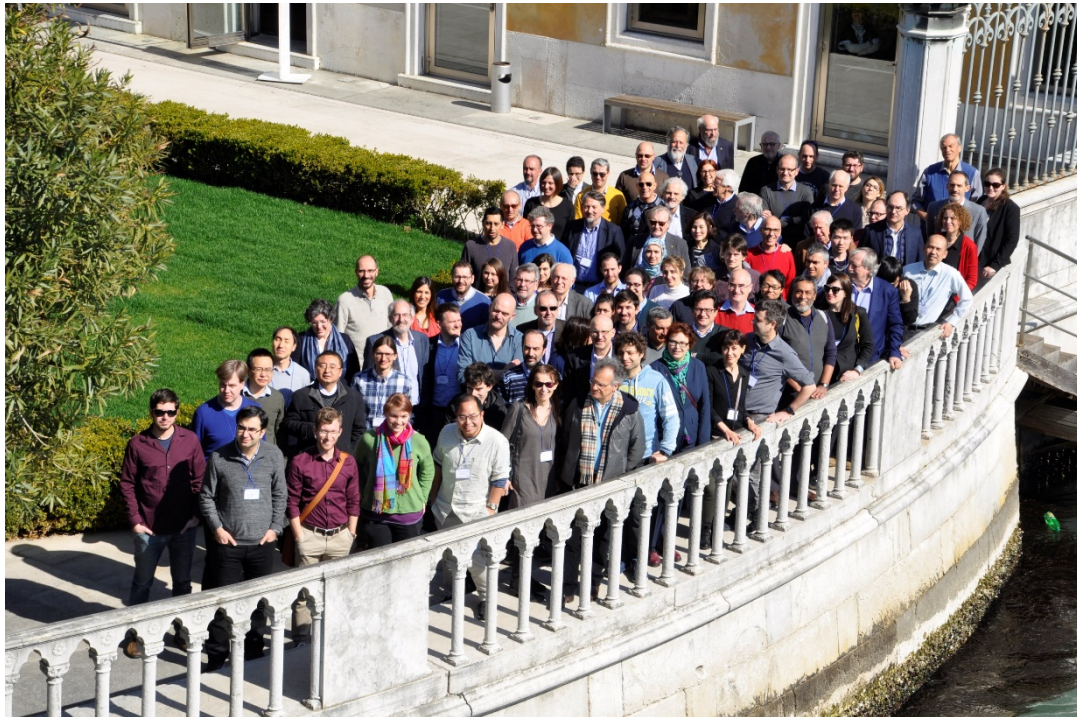
Conjugating the two distinctive features of neutrinos:

- A probe of fundamental laws of Nature
- A messenger of astrophysical and cosmological processes



# The Traditional Venue

Hosted in Venice by a public cultural institution of Regione Veneto: “Istituto Veneto delle Scienze, Lettere e Arti”



# The merits of the Virtual format

- 947 registered people, about 7.5 times more the average number of registrations in the past
- The format of the workshop rethought to leave room to young physicists
- 229 abstract submissions for contributed and flash talks, apologies to all the contributed talks we had to approve as flash talks to fit the schedule of the workshop
- Many barriers broken ...
- ... but and exceptional effort for the Local Organizing Committee

Participant List

947 participants

# The Local Organizing Committee



Mauro Mezzetto, *INFN-PD (chairperson)*  
Elisa Bernardini, *Univ. of Padova - INFN-PD (co-chair)*  
Nicola Bartolo, *Univ. of Padova - INFN-PD*  
Carlo Broggin, *INFN-PD*  
Gianmaria Collazuol, *Univ. of Padova - INFN-PD*  
Francesco D'Eramo, *Univ. of Padova - INFN-PD*  
Christian Farnese, *INFN-PD*  
Daniele Gibin, *Univ. of Padova - INFN-PD*  
Marco Grassi, *Univ. of Padova - INFN-PD*  
Alberto Guglielmi, *INFN-PD*  
Mathieu Lamoureux, *INFN-PD*  
Marco Laveder, *Univ. of Padova - INFN-PD*  
Andrea Longhin, *Univ. of Padova - INFN-PD*  
Manuela Mallamaci, *DESY, Germany*  
Antonio Masiero, *Univ. of Padova - INFN-PD*  
Fabio Pupilli, *INFN-PD*  
Pina Salente, *INFN-PD*  
Chiara Sirignano, *Univ. of Padova - INFN-PD*  
Luca Stanco, *INFN-PD*  
Filippo Varanini, *INFN-PD*

Participating to the T2K, Super-K, Hyper-K, IceCube, Icarus, Dune, Juno, Enubet, Luna, Euclid, Magic experiments, + theorists

# The International Advisory Committee

Having to rethink the whole format of the conference, the discussions, suggestions, criticisms of the International Advisory Committee had been of fundamental value

## ***International Advisory Committee***

Barry C. Barish - *Caltech University*

Sandhya Choubey - *Harish-Chandra Research Institute, Allahabad*

Takaaki Kajita - *Kavli Institute for the Physics and Mathematics of the Universe, Univ. of Tokyo*

Francis Halzen - *Dept. of Physics, Univ. of Wisconsin, Madison*

Stavros Katsanevas - *European Gravitational Observatory (EGO) Consortium*

Steve F. King - *Univ. of Southampton, School of Physics and Astronomy*

Manfred Lindner - *Max-Planck-Institut für Kernphysik Heidelberg*

Paolo Lipari - *INFN, Roma*

Eligio Lisi - *INFN, Bari*

Teresa Montaruli - *Univ. de Geneve*

Marzio Nessi - *CERN*

Silvia Pascoli - *Univ. of Durham*

Serguey Petcov - *SISSA and INFN-Trieste*

Elisa Resconi - *Technical Univ. of Munich, Germany*

Alexei Yu. Smirnov - *Max-Planck-Institute für Kernphysik, Heidelberg and ICTP, Trieste*

Maurizio Spurio - *Univ. of Bologna and INFN-Bo*

Francesco Vissani - *INFN-LNGS (Laboratori Nazionali Gran Sasso)*

# Few words about the timetable

	Thu 18/02	Fri 19/02	Sat 20/02	Sun 21/02	Mon 22/02	Tue 23/02	Wed 24/02	Thu 25/02
10:00	<p>Print PDF Full screen Detailed view Filter</p>							
10:00	<b>Cross Sections: (Room 1)</b> Fabio Pupilli, Filippo...	<b>Low Energy Neutrinos: (Room 2)</b> Chiara Sirignano, Lu...	<b>Non Standard Interactions: (Room 3)</b> Francesco D'Eramo,...					
11:00	Room 1, <a href="https://unipd.link/NeuTel-ParallelRoom1">https://unipd.link/NeuTel-ParallelRoom1</a>	Room 2, <a href="https://unipd.link/NeuTel-ParallelRoom2">https://unipd.link/NeuTel-ParallelRoom2</a>	Room 3, <a href="https://unipd.link/NeuTel-ParallelRoom3">https://unipd.link/NeuTel-ParallelRoom3</a>					
	<b>Coffee Break</b> Online 11:20 - 11:35							
12:00	<b>Cross Sections: (Room 1)</b> Room 1, <a href="https://unipd.link/NeuTel-ParallelRoom1">https://unipd.link/NeuTel-ParallelRoom1</a>	<b>Low Energy Neutrinos: (Room 2)</b> Chiara Sirignano, Ma...  Room 2, <a href="https://unipd.link/NeuTel-ParallelRoom2">https://unipd.link/NeuTel-ParallelRoom2</a>	<b>Non Standard Interactions: (Room 3)</b> Francesco D'Eramo, ...  Room 3, <a href="https://unipd.link/NeuTel-ParallelRoom3">https://unipd.link/NeuTel-ParallelRoom3</a>					
13:00								
14:00	<b>Commemorations</b> Mauro Mezzetto							
15:00	<a href="https://youtu.be/tM3lm3JuvUo">https://youtu.be/tM3lm3JuvUo</a> , <a href="https://unipd.link/NeuTel-PlenarySession">https://unipd.link/NeuTel-PlenarySession</a> 14:00 - 15:10							
	<b>Coffee Break</b> Online 15:10 - 15:25							
16:00	<b>Challenge</b> Chiara Sirignano   plenary, <a href="https://unipd.link/NeuTel-PlenarySession">https://unipd.link/NeuTel-PlenarySession</a> 15:25 - 16:55							
17:00	<b>Coffee Break</b> Online 16:55 - 17:10							
18:00	<b>Cross Sections: (Room 1)</b> Chiara Sirignano, Ch...	<b>Low Energy Neutrinos: (Room 2)</b> Andrea Longhin, Fabi...	<b>Non Standard Interactions: (Room 3)</b> Francesco D'Eramo,...					
	Room 1, <a href="https://unipd.link/NeuTel-ParallelRoom1">https://unipd.link/NeuTel-ParallelRoom1</a>	Room 2, <a href="https://unipd.link/NeuTel-ParallelRoom2">https://unipd.link/NeuTel-ParallelRoom2</a>	Room 3, <a href="https://unipd.link/NeuTel-ParallelRoom3">https://unipd.link/NeuTel-ParallelRoom3</a>					

10:00-11:20, Morning sessions of contributed talks (15+5 min), organized in eleven themes, transmitted in three Zoom Rooms indicated in the timetable.

11:35-11:35, Flash talks sessions, organized in three Zoom Rooms indicated in the timetable. Two sequences of 4 flash talks (5 min) with a 10 min discussion time.

The eleven themes of the parallel sessions will be also the discussion topics in Slack

14:00-17:00: Plenary talks

17:00-18:00 Evening sessions of contributed talks (15+5 min), organized in eleven themes, transmitted in three Zoom Rooms indicated in the timetable.