



# XX International Workshop on Neutrino Telescopes

## Tuesday, October 24, 2023

### Neutrino Telescopes - Palazzo Loredan, Sala delle Adunanze (9:00 AM - 11:00 AM)

-Conveners: Elisa Bernardini

time	[id] title	presenter
9:00 AM	[58] Observation of High-Energy Neutrinos from the Galactic Plane	HÜNNEFELD, Mirco
9:20 AM	[78] Gamma-ray and neutrino diffuse emissions of the Milky-Way: what do they imply ?	GRASSO, Dario
9:40 AM	[103] Observations of High-Energy Astrophysical Neutrino Fluxes with IceCube	WIEBUSCH, Cristopher
10:00 AM	[20] Overview of ANTARES, the first Mediterranean Sea telescope	POIRÈ, Chiara
10:20 AM	[46] Combined KM3NeT-ARCA and ANTARES searches for point-like neutrino emission	SANGUINETI, Matteo

### Neutrino Telescopes - Palazzo Loredan, Sala delle Adunanze (3:20 PM - 4:40 PM)

-Conveners: Elisa Bernardini

time	[id] title	presenter
3:20 PM	[104] Realtime Alerts and Archival Searches for Time-Evolving Neutrino Flares Using the IceCube Gamma-Ray Follow-Up (GFU) Platform	MANCINA, Sarah Louise
3:40 PM	[73] Search for physics beyond the Standard Model with IceCube	PEREZ DE LOS HEROS, Carlos
4:00 PM	[3] Reexamination of Kamiokande-II data in 1987	OYAMA, Yuichi
4:20 PM	[4] Dark Matter - Neutrino Scattering at the Galactic Center	DELGADO, Diyaselis

### Neutrino Telescopes - Palazzo Loredan, Sala delle Adunanze (5:10 PM - 6:30 PM)

-Conveners: Chiara Sirignano

time	[id] title	presenter
5:10 PM	[54] Neutrinos in XENONnT dark matter experiment	ANGELINO, Emanuele
5:30 PM	[105] First result of a search for Diffuse Supernova Neutrino Background in SK-Gd experiment	HARADA, Masayuki
5:50 PM	[17] Sensitivity to core-collapse supernovae neutrino signals in DarkSide-20k	MATTEUCCI, Giuseppe
6:10 PM	[43] Neutrino flux observation of the next galactic core-collapse supernova in the COSINUS dark matter detector	STUKEL, Matthew

# Wednesday, October 25, 2023

## Neutrino Telescopes - Palazzo Loredan, Sala delle Adunanze (2:30 PM - 4:30 PM)

-Conveners: Daniele Gibin

time	[id] title	presenter
2:30 PM	[51] The Search for High Energy Neutrino Emission from X-ray Bright Seyfert Galaxies with IceCube	KONTRIMAS, Tomas
2:50 PM	[15] Latest results from the searches of ultra-high energy neutrinos at the Pierre Auger Observatory	Mr SEHGAL, Srijan
3:10 PM	[131] A multi-cubic-kilometer neutrino telescope in the Western Pacific Ocean	XU, Donglian
3:30 PM	[10] Trinity: The PeV Neutrino Observatory	DORO, Michele
3:50 PM	[32] The Radio Neutrino Observatory in Greenland: Design and Construction	TOSI, Delia
4:10 PM	[49] The Radio Neutrino Observatory in Greenland: Performance and Prospect	SCHLÜTER, Felix

# Thursday, October 26, 2023

## Neutrino Telescopes - Palazzo Loredan, Sala delle Adunanze (4:55 PM - 6:35 PM)

-Conveners: Chiara Sirignano

time	[id] title	presenter
4:55 PM	[37] JUNO's sensitivity to $^7\text{Be}$ , pep and CNO solar neutrinos	Ms SINGHAL, Apeksha
5:15 PM	[52] Prospect for the Detection of the Geo-neutrino Signal with JUNO	Dr XIN, Zhao
5:35 PM	[36] CNO solar neutrino detection with Borexino: directionality measurement and spectral analysis	PELICCI, Luca
5:55 PM	[26] Supernova detection and triggering with the DUNE Far Detector	BARHAM ALZÁS, Pablo
6:15 PM	[60] Seasonal Variations of the Atmospheric Neutrino Flux measured in IceCube	HYMON, Karolin