

XIX International Workshop on Neutrino Telescopes

Friday, February 19, 2021

Low Energy Neutrinos: (Room 2) - Room 2 (10:00 AM - 11:20 AM)

-Conveners: Luca Stanco; Chiara Sirignano

time	[id] title	presenter
10:00 AM	[13] Constraining sterile neutrinos by core-collapse supernovae with multiple detectors	TANG, Jian
10:20 AM	[119] Supernova Model Discrimination with Hyper-Kamiokande	MIGENDA, Jost
10:40 AM	[253] Recent results from XENON1T and multi-messenger future of XENONnT	PERES, Ricardo
11:00 AM	[43] How the CNO neutrinos detection can unravel the solar metallicity problem?	Mr BASILICO, Davide

Low Energy Neutrinos: (Room 2) - Room 2 (11:35 AM - 12:35 PM)

-Conveners: Marco Grassi; Chiara Sirignano

time	[id] title	presenter
11:35 AM	[60] Data analysis of a low-polonium-field for the discovery of CNO neutrinos	Mr GÖTTEL, Alexandre
11:40 AM	[63] A successful strategy for the CNO measurement with Borexino: the MultiVariate Fit	RE, Alessandra Carlotta
11:45 AM	[261] Solar Antineutrinos Searches and Decaying Sterile Neutrinos	HOSTERT, Matheus
11:50 AM	[276] Supernova Neutrino Energy Spectrum Reconstruction in JUNO with a probabilistic unfolding method	MARTELLINI, Cristina
11:55 AM	Discussion Time	
12:05 PM	[169] Core-Collapse Supernova Neutrinos in JUNO	LI, Huiling
12:10 PM	[260] On Stellar Evolution in a Neutrino Hertzsprung–Russell Diagram	FARAG, Ebraheem
12:15 PM	[219] The Diffuse Supernova Neutrino Background in Super-Kamiokande	GIAMPAOLO, Alberto
12:20 PM	[243] Theory of Fast Flavor Conversion for Supernova neutrinos	Mr BHATTACHARYYA, Soumya
12:25 PM	Discussion Time	

Low Energy Neutrinos: (Room 2) - Room 2 (5:10 PM - 6:10 PM)

-Conveners: Fabio Pupilli; Andrea Longhin

time	[id] title	presenter
5:10 PM	[16] Imaging the Galactic Core with a Neutrino Gravitational Lens of our Sun	Prof. SOLOMEY, Nickolas
5:30 PM	[272] Recent results from the Sudbury Neutrino Observatory experiment	MASTBAUM, Andrew
5:50 PM	[153] The observation of a neutrino from the Tidal Disruption Event AT2019dsg: a concordance model	LUNARDINI, Cecilia

Wednesday, February 24, 2021

Low Energy Neutrinos: (Room 2) - Room 2 (10:00 AM - 11:20 AM)

-Conveners: Gianmaria Collazuol; Mathieu Lamoureux

time	[id] title	presenter
10:00 AM	.	
10:20 AM	[61] Sensitivity to CNO cycle solar neutrinos in Borexino	PENEK, Oemer
10:40 AM	[233] Feasibility and physics potential of detecting 8B solar neutrinos at JUNO	ZHAO, Jie
11:00 AM	[252] A New Window into Neutrino Astronomy with Dark Matter Experiments: Supernova Forecast and the Origin of Supermassive Black Holes	TAKHISTOV, Volodymyr