



# XIX International Workshop on Neutrino Telescopes

## Monday, 22 February 2021

### Data Science and Detector R&D: (Room 3) - Room 3 (10:00 - 11:20)

-Conveners: Gianmaria Collazuol; Francesco D'Eramo

time	[id] title	presenter
10:00	[86] 3D segmented plastic scintillator neutrino detector for T2K experiment	KHABIBULLIN, Marat
10:20	[202] Atmospheric Neutrino Physics with JUNO	Dr SETTANTA, Giulio
10:40	[285] Directional Dark Matter Search with NEWSdm	TIOUKOV, Valeri
11:00	[267] Novel LiquidO Neutrino Detection Technology	Dr CABRERA, Anatael

# Wednesday, 24 February 2021

## Data Science and Detector R&D: (Room 1) - Room 1 (11:35 - 12:35)

-Conveners: **Andrea Longhin; Christian Farnese**

time	[id] title	presenter
11:35	[130] Pulse Shape Discrimination using convolutional Neural Network (CNN) for the SoLiD experiment	Mr GALLEGO, Savitri
11:40	[244] PMT Waveforms for Pulse Shape Discrimination in JSNS2	JEON, Sanghoon
11:45	[20] Neutrino energy reconstruction using machine learning algorithms	Ms NAGU, Srishti
11:50	[79] A deep-learning based waveform region-of-interest finder for the liquid argon time projection chamber	WU, Wanwei
11:55	Discussion Time	
12:05	[231] Recent achievements in the hybrid detector development program for THEIA	KAPTANOGLU, Tanner
12:10	[226] Muon Energy reconstruction and neutrino astronomy with DUNE far detector.	Mr SINGH, Jaydip
12:15	[192] Spallation Backgrounds in Super-Kamiokande	COFFANI, Alice
12:20	[101] Using proton information to constrain T2K fit	SKWARCZYNSKI, Kamil
12:25	Discussion Time	

## Data Science and Detector R&D: (Room 1) - Room 1 (17:30 - 18:30)

-Conveners: **Fabio Pupilli; Filippo Varanini**

time	[id] title	presenter
17:30	[240] Detector Performance of the MicroBooNE LArTPC	Dr WOSPAKRIK, Marianne
17:50	[7] SNEWPY: a pipeline from supernova simulations to detector signals	KNELLER, James
18:10	[277] Gaseous detectors for Neutrino-nucleus coherent scattering at the ESS	Dr MONRABAL, Francesc

# Thursday, 25 February 2021

## Data Science and Detector R&D: (Room 1) - Room 1 (11:35 - 12:35)

-Conveners: Luca Stanco; Andrea Longhin

time	[id] title	presenter
11:35	[120] JUNO 20-inch PMT Testing systems and progress	TIETZSCH, Alexander
11:40	[146] JUNO OSIRIS Calibration Systems	STERR, Tobias
11:45	[154] Techniques Developed Calibrating ProtoDUNE-SP Using a Cosmic Ray Tagger	DIURBA, Richard
11:50	[193] Performance of the Time Projection Chambers with resistive MicroMegas of the T2K near detector upgrade	SUVOROV, Sergey
11:55	Discussion Time	
12:05	[181] Dual Calorimetry at JUNO	HAN, Yang
12:10	[196] Ageing of the scintillator detectors of the T2K off-axis and on-axis near detectors, ND280 and INGRID	ANTONOVA, Maria
12:15	[224] Neutron Generator Calibration System for DUNE	BEZAWADA, Yashwanth
12:20	[234] Progresses of the multi-PMT optical module for the Hyper-K experiment	RUGGERI, Alan Cosimo
12:25	Discussion Time	

## Data Science and Detector R&D: (Room 1) - Room 1 (17:30 - 18:30)

-Conveners: Filippo Varanini; Chiara Sirignano

time	[id] title	presenter
17:30	[174] Results from the ARTIE experiment	PAGANI, Luca
17:50	[133] Identification and Reconstruction of Michel electrons in ProtoDUNE-SP	RAFIQUE, Aleena
18:10	[131] Results on physics performance of ProtoDUNE-SP	BIAN, Jianming