



# TeVPA 2022

## Monday, 8 August 2022

### Neutrinos: I - Humphrey Auditorium (14:00 - 15:20)

-Conveners: Shigeo Kimura

time	[id] title	presenter
14:00	[34] Search for correlations between high-energy neutrinos and blazars with IceCube	LAGUNAS GUALDA, Cristina
14:20	[109] Search for High-Energy Neutrinos from TDE-like Flares with IceCube	NECKER, Jannis David
14:40	[70] Ultrahigh-energy cosmic-ray induced gamma-ray and neutrino fluxes from blazars	RAZZAQUE, Soebur
15:00	[191] Propagation of Cosmic Rays in Plasmoids of AGN Jets-Implications for Multimessenger Predictions	JAROSCHEWSKI, Ilja

### Neutrinos: II - Humphrey Auditorium (15:50 - 17:10)

-Conveners: Thomas McElroy

time	[id] title	presenter
15:50	[22] Latest results from the CUORE experiment	SINGH, Vivek
16:10	[31] LEGEND-1000: a future ton-scale experiment for Neutrinoless Double Beta Decay	MORELLA, Michele
16:30	[63] Neutrino Oscillations with IceCube and the IceCube Upgrade	KOSKINEN, David Jason
16:50	[32] MUTE: A Modern Calculation for Deep Underground and Underwater Muons	Prof. PIRO, Marie-Cécile

# Tuesday, 9 August 2022

## Neutrinos: III - BioSci 1102 (14:00 - 15:20)

-Conveners: steven prohira

time	[id] title	presenter
14:00	[30] Tau Appearance from High-Energy Neutrino Interactions	ZHELNIN, Pavel
14:20	[176] A model independent framework for measuring the neutrino-nucleon cross section at UHE neutrino detectors	Dr PROHIRA, steven
14:40	[17] Point sources of ultra-high-energy neutrinos: minimalist predictions for near-future discovery	FIORILLO, Damiano
15:00	[129] Exploring neutrino-matter interactions at the EeV energy frontier	Mr VALERA BACA, Victor Branco

## Neutrinos: IV - BioSci 1102 (15:50 - 17:10)

-Conveners: Soebur Razzaque

time	[id] title	presenter
15:50	[45] IceCube Matter-Enhanced Sterile Neutrino Searches	Mr SMITHERS, Benjamin
16:10	[142] Simulating neutrino echoes induced by secret neutrino interactions	CARPIO, Jose
16:30	[232] Towards Powerful Probes of Neutrino Self-Interactions in Supernovae	CHANG, Po Wen

## Wednesday, 10 August 2022

### Neutrinos: V - Humphrey Auditorium (14:00 - 15:00)

-Conveners: Qinrui Liu

time	[id] title	presenter
14:00	[43] Measurement of the Astrophysical Diffuse Flux Spectrum using Muon Neutrino Events with a Contained Vertex in IceCube	SILVA, Manuel
14:20	[120] A combined analysis of the diffuse astrophysical neutrino flux using IceCube's high-energy through-going muon tracks and cascades	GANSTER, Erik
14:40	[116] Methods for a consistent treatment of systematic uncertainties in a combined analysis of IceCube's high energy neutrino data	NAAB, Richard

### Neutrinos: VI - Humphrey Auditorium (15:50 - 16:50)

-Conveners: Lu Lu

time	[id] title	presenter
15:50	[44] Galactic and Extragalactic Southern Sky Neutrino Source Searches with IceCube Starting Track Events in the 1 to 100 TeV Energy Range.	MANCINA, Sarah
16:10	[69] Neutrino Astronomy with KM3NeT/ARCA	Ms MULLER, Rasa
16:30	[236] The Pacific Ocean Neutrino Experiment	Dr MCELROY, Thomas

# Thursday, 11 August 2022

## Neutrinos: VII - BioSci 1101 (15:50 - 16:50)

-Conveners: Abigail Viereg

time	[id] title	presenter
15:50	[85] Status of the Radar Echo Telescope	Dr PROHIRA, steven
16:10	[171] Direction Reconstruction for the Radar Echo Telescope for Neutrinos (RET-N)	FRIKKEN, Dylan
16:30	[172] Recent progress towards a 5-station neutrino search with ARA	MUZIO, Marco