



# The 26th International Workshop on Weak Interactions and Neutrinos (WIN2017)

## Tuesday, June 20, 2017

**Working Group: Neutrino Physics: Latest Results from Experiment and Theory - Pacific Ballroom C (11:20 AM - 1:00 PM)**

-Conveners: Robert Svoboda

time	[id] title	presenter
11:20 AM	[11] Measurement of the evolution of the reactor antineutrino flux and spectrum at Daya Bay.	Dr MARTINEZ CAICEDO, David
11:40 AM	[14] DANSS Reactor Antineutrino Project: Status and First Results	Dr SVIRIDA, Dmitry
12:00 PM	[16] Double Chooz Measurement of $\theta_{13}$ and beyond	Dr SOGO BEZERRA, Thiago
12:20 PM	[17] Latest Results From NOvA	Prof. BIAN, Jianming Prof. BUCHANAN, Norm
12:40 PM	[5] Searching for new physics in the neutrino sector	MOCIOIU, Irina

**Working Group: Neutrino Physics: Future Oscillation Experiments - Pacific Ballroom C (2:30 PM - 4:00 PM)**

-Conveners: Danny Marfatia

time	[id] title	presenter
2:30 PM	[17] JUNO: a Multipurpose Observatory for Neutrino Physics	Dr CABRERA, Anatael
2:50 PM	[13] Hyper-Kamiokande	NAKAYAMA, Shoei
3:10 PM	[130] The DUNE Experiment and its sensitivity to CP Violation	Prof. BIAN, Jianming
3:30 PM	[17] Neutrino CP Violation with the ESSnuSB project	Dr DRACOS, Marcos

**Working Group: Neutrino Physics: Neutrino Scattering - Pacific Ballroom C (4:30 PM - 6:30 PM)**

-Conveners: Milind Diwan

time	[id] title	presenter
4:30 PM	[155] Neutrino Cross Sections	Mr DYTMAN, Steven
4:50 PM	[40] The latest neutrino cross-section results from T2K	Prof. MCGREW, Clark
5:10 PM	[177] Survey of neutrino-nucleus cross-section measurements from MINERvA	Prof. PAOLONE, Vittorio
5:30 PM	[18] Latest Results From MicroBooNE	Dr TERAQ, Kazuhiro
5:50 PM	[25] Studies of neutrino properties and interactions at the Kuo-Sheng reactor neutrino laboratory with sub-keV germanium detectors	Dr LI, Hau-Bin

## Wednesday, June 21, 2017

### Working Group: Neutrino Physics: Sterile Theory and SBL Experiments - Pacific Ballroom C (11:30 AM - 1:00 PM)

-Conveners: Alessandro Mirizzi

time	[id] title	presenter
11:30	[A0] Impact of sterile neutrinos on cLFV processes	DE ROMERI, Valentina
11:50	[A0] Low-Energy vs. High-Energy Leptonic Unitarity Violation	Dr MINAKATA, Hisakazu
12:10	[P12] NEOS result and reactor SBL- $\nu$ project	Dr OH, Yoomin
12:30	[P0] SOX : Short Distance Neutrino Oscillations with Borexino	Mr NIESLONY, Michael
12:45	[P0] PROSPECT: The Precision Reactor Oscillation and Spectrum Experiment	Dr MATTA, James

### Working Group: Neutrino Physics: Latest from Theory - Pacific Ballroom C (2:30 PM - 4:05 PM)

-Conveners: James Dent

time	[id] title	presenter
2:30	[P0] Searches for BSM using double-pulses	MARTINEZ SOLER, Ivan Jesus
2:50	[M00] Neutrino Phenomenology in Large Extra dimensions with Bulk Mass	Ms LI, YINGYING
3:10	[M4] Deviations of symmetry-based exact neutrino structures using radiative neutrino masses.	Dr WEGMAN, Daniel
3:30	[P6] One-loop corrections to the fermion masses and flavour symmetries	Mr LÖSCHNER, Maximilian
3:50	[M3] Exact neutrino mixing angles from three subgroups of SU(2) and the physics consequences	Dr FRANKLIN, Potter

### Working Group: Neutrino Physics: NSI and Heavy Neutrinos - Pacific Ballroom C (4:30 PM - 6:30 PM)

-Conveners: David McKeen

time	[id] title	presenter
4:30	[M04] Nonstandard interactions at long-baseline neutrino experiments	MARFATIA, Danny
4:50	[P0] Role of beam tunes in extricating standard and new physics at DUNE	BISHAI, Mary Dr MEHTA, Poonam
5:10	[M1] GeV neutrino mass generation: Experimental reach vs theoretical predictions	Mr RASMUSSEN, Rasmus
5:30	[P5] Bounds on heavy Majorana neutrinos in type-I seesaw and implications for collider searches	Dr DAS, Arindam
5:50	[M11] Discussion	MARFATIA, Danny

# Friday, June 23, 2017

## Working Group: Neutrino Physics: Detector R&D - Pacific Ballroom C (9:00 AM - 11:00 AM)

-Conveners: Kazuhiro Terao

time	[id] title	presenter
9:00 AM	[149] Detector performance and cosmic-ray reconstruction efficiency in MicroBooNE	Mr SOLETI, Stefano Roberto
9:15 AM	[148] The Liquid Argon in a Testbeam (LArIAT) Experiment	Dr FALCONE, Andrea
9:30 AM	[145] CAPTAIN: Current Neutron and Future Stop Pion Neutrino Measurements	Prof. MCGREW, Clark
9:45 AM	[130] The ANNIE experiment - Status and perspectives	Dr FISCHER, Vincent
10:00 AM	[144] Research and development of the IsoDAR experiment	AXANI, Spencer
10:15 AM	[150] Double Calorimetry in Liquid Scintillator Detectors	GRASSI, Marco
10:30 AM	[140] Supernova detection capabilities of gadolinium doped water and water-based liquid scintillator detectors	Dr BERGEVIN, Marc
10:45 AM	[140] DARWIN: a 50-Ton Liquid Xenon Detector for Dark Matter and Neutrino Physics	Prof. NI, Kaixuan

## Working Group: Neutrino Physics: Neutrino Mass and 0nu Double Beta Decay - Pacific Ballroom C (11:20 AM - 1:05 PM)

time	[id] title	presenter
11:20 AM	[147] Distinguishing between Dirac and Majorana neutrinos in the presence of general interactions	Dr XU, Xun-Jie
11:35 AM	[139] Neutrino Mass Models	POPOV, Oleg
11:50 AM	[140] The start up of the CUORE experiment at LNGS	Mr BRANCA, Antonio
12:05 PM	[148] Initial results and status of the Majorana Demonstrator experiment	Prof. XU, Wenqin
12:20 PM	[144] Status of the NEXT experiment after the first data-taking run with the NEW prototype	Mr MARTÍNEZ LEMA, Gonzalo
12:35 PM	[141] CUPID-0: a cryogenic calorimeter with particle identification for double beta decay search.	Mrs MARTINEZ, Maria
12:50 PM	[146] Status of the SNO+ Experiment	BONVENTRE, Richard