



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

## Tuesday, 20 June 2017

### Working Group: Astroparticle physics and cosmology - Pacific Ballroom AB (11:20 - 12:50)

time	[id] title	presenter
11:20	[115] Status of Big Bang Nucleosynthesis	Dr MANGANO, Gianpiero
11:50	[153] Galaxy-galaxy lensing for cosmology in the Dark Energy Survey	Dr KWAN, Juliana
12:10	[120] Cosmic surveys probe features in the inflationary power spectrum	Dr UPADHYE, Amol
12:30	[61] Primordial Black Holes and r-Process Nucleosynthesis	TAKHISTOV, Volodymyr

### Working Group: Astroparticle physics and cosmology - Pacific Ballroom AB (14:30 - 16:00)

time	[id] title	presenter
14:30	[118] keV sterile neutrinos and new tests for non-thermal dark matter candidates	TOTZAUER, Maximilian
15:00	[33] Sterile neutrinos as thermal dark matter	Dr HANSEN, Rasmus Sloth Lundkvist
15:20	[89] Neutrino clustering in the Milky Way	Mr GARIAZZO, Stefano
15:40	[86] Leptogenesis via varying Weinberg operator	Dr ZHOU, Ye-Ling

### Working Group: Astroparticle physics and cosmology - Pacific Ballroom AB (16:30 - 18:30)

time	[id] title	presenter
16:30	[109] Expectations for high energy diffuse galactic neutrinos for different cosmic ray distributions	Dr VILLANTE, Francesco
16:50	[5] Constraints on the astrophysical flux and the dark matter decay with IceCube HESE data	Prof. SARCEVIC, INA
17:10	[22] Imaging Galactic Dark Matter with IceCube High-Energy Cosmic Neutrinos	KHEIRANDISH, Ali
17:30	[163] Dark Matter Searches with the Fermi-LAT	CAPUTO, Regina
17:50	[145] Dark matter velocity spectroscopy	Dr LAHA, Ranjan
18:10	[112] Neutrino absorption in the Earth and measurement of the neutrino-nucleon cross-section at multi-TeV energies with IceCube	BINDER, Gary

## Wednesday, 21 June 2017

### **Working Group: Astroparticle physics and cosmology - Pacific Ballroom AB (11:30 - 13:00)**

time	[id] title	presenter
11:30	[151] Searches for Astrophysical Neutrinos using radio-detection	Dr KLEIN, Spencer
12:00	[207] ANTARES latest results and KM3NeT status and perspectives	Prof. CAPONE, Antonio
12:20	[55] Indirect dark matter searches in IceCube	MEDICI, Morten
12:40	[67] Dark matter searches with the Super-Kamiokande detector	Ms FRANKIEWICZ, Katarzyna

### **Working Group: Astroparticle physics and cosmology - Pacific Ballroom AB (14:30 - 16:00)**

time	[id] title	presenter
14:30	[176] An overview of directional dark matter experiments: current status and future prospects	Prof. LOOMBA, Dinesh
15:00	[36] The XENON1T Dark Matter Experiment	Dr DIGLIO, Sara
15:20	[110] Dark matter search results from the PandaX-II experiment	Dr XIAO, Mengjiao
15:40	[51] Recent results from XMASS	Dr HIRAIDE, Katsuki

### **Working Group: Astroparticle physics and cosmology - Pacific Ballroom AB (16:30 - 18:30)**

time	[id] title	presenter
16:30	[54] Astrophysical neutrinos at Super-Kamiokande	Dr TAKEUCHI, Yasuo
16:50	[93] Supernova neutrinos with the JUNO experiment	Ms LI, Hailing
17:10	[129] Supernova Neutrinos, Atmospheric Neutrinos and Proton Decay at the DUNE Experiment	REICHENBACHER, Juergen
17:30	[69] An event generator for supernova neutrinos in argon	GARDINER, Steven
17:50	[150] Looking Inward with Neutrinos	Prof. LEARNED, John Gregory
18:10	[28] Results from Borexino on solar and geo-neutrinos	LOMBARDI, Francesco

## Friday, 23 June 2017

### Working Group: Astroparticle physics and cosmology - Pacific Ballroom AB (09:00 - 11:00)

time	[id] title	presenter
09:00	[113] Neutrino properties from high-resolution CMB experiments	Dr MADHAVACHERIL, Mathew
09:20	[156] An Improved Measurement of the Cosmic Microwave Background B-mode Polarization Power Spectrum at Sub-Degree Scales with the POLARBEAR Experiment	Dr CHINONE, Yuji
09:40	[117] Future CMB observations: Can we break LCDM?	Dr REICHARDT, Christian
10:10	[119] Shedding light on the small-scale crisis with CMB spectral distortions	Dr NAKAMA, Tomohiro

### Working Group: Astroparticle physics and cosmology - Pacific Ballroom AB (11:20 - 12:50)

time	[id] title	presenter
11:20	[126] DM searches at LHC	Prof. DUTTA, Bhaskar
11:50	[38] Dark Matter Search with the PICO 60 Bubble Chamber	Mr KRAUSS, Carsten
12:10	[111] Status of the COSINE-100 Experiment	JO, Jay Hyun
12:30	[35] Search for Low Mass Dark Matter with CRESST-III	Dr WILLERS, Michael