



# TeVPA Conference 2015

## Monday 26 October 2015

### Dark Matter: Dark Matter Searches - Room 2 (14:00-16:00)

-Conveners: Michele Doro; Shigetaka Moriyama

time	[id] title	presenter
14:17	[141] Asymmetric dark matter and an antineutrino signal	Mr FUKUDA, Hajime
14:34	[25] Charged Q-balls in gauge mediated SUSY breaking models	Mr HONG, Jeong-Pyong
14:51	[133] Domain Wall Formation from Level Crossing in the Axiverse	Mr DAIDO, Ryuji
15:08	[34] A reconstruction scheme for $f(T)$ gravity based on QCD ghost dark energy	Dr CHATTOPADHYAY, Surajit
15:25	[54] On $\mu\text{on} \rightarrow \text{electron} + \text{photon}$ and $(g-2)_\mu$ in Non-Sterile Electroweak Scale Right-Handed Neutrino Models	Prof. YUAN, Tzu-Chiang
15:42	[24] Cartan's Supersymmetry and the Universe	Dr FURUI, Sadataka

### Dark Matter: Dark Matter Searches - Room 2 (16:30-18:30)

-Conveners: Michele Doro; Shigetaka Moriyama

time	[id] title	presenter
16:30	[156] New physics searches at the LHC: Where do we go with run II	Dr JINNOUCHI, Osamu
17:05	[44] Scalar dark matter with colored partner	Dr LOPEZ HONOREZ, Laura
17:22	[75] Searching for Singlet Majorana dark matter.	Dr TSAI, YUE-LIN SMING
17:39	[55] Electroweak physics and Dark Matter: colliders vs sky	Dr SALA, Filippo
17:56	[91] Complementarity of direct detection and collider searches for Higgs portal DM	Prof. KO, Pyugwon

## Tuesday 27 October 2015

### Dark Matter: Dark Matter Searches - Room 2 (14:00-16:00)

**-Conveners: Michele Doro; Shigetaka Moriyama**

time	[id] title	presenter
14:00	[37] Implications of simulated Milky Way-like haloes for dark matter direct detection	BOZORGNIA, Nassim
14:17	[107] A New Method for Determining the Local Dark Matter Density	Mr SILVERWOOD, Hamish
14:34	[57] Distinguishing WIMP-nucleon interactions with directional dark matter experiments	Dr KAVANAGH, Bradley
14:51	[150] Prospects for dark matter discovery with inelastic transitions of xenon	Dr MCCABE, Christopher
15:08	[78] Dark Matter Sensitivity of CALET	Dr MOTZ, Holger
15:25	[32] Test of Self-interacting dark matter and its thermal transport in the Sun	Dr CHEN, Chian-Shu
15:42	[86] The Extragalactic Radio Background from Dark Matter Annihilation and the ARCADE-2 Excess	FANG, Ke

### Dark Matter: Dark Matter Searches - Room 2 (16:30-18:46)

**-Conveners: Michele Doro; Shigetaka Moriyama**

time	[id] title	presenter
16:30	[89] Strong support for a millisecond pulsar origin of the galactic center GeV excess	Mr BARTELS, Richard
16:47	[85] Towards a refined understanding of the Galactic Center excess	Dr VALLI, Mauro
17:04	[90] Dark matter density profiles in dwarf satellites	Prof. ULLIO, Piero
17:21	[102] Prospects on the indirect dark matter detection and a future spectroscopic survey of dwarf spheroidal galaxies	Mr ICHIKAWA, Koji
17:38	[110] Gamma-ray emission from the recently discovered dwarf galaxy Reticulum II	Prof. KOUSHIAPPAS, Savvas
17:55	[96] Modelling the flux distribution function of the extragalactic gamma-ray background from dark matter annihilation	Mr FEYEREISEN, Michael
18:12	[98] The VERITAS Dark Matter and Astroparticle Program	Dr ZITZER, Ben
18:29	[68] Prospect for indirect Dark Matter searches with the Cherenkov Telescope Array	Dr LOMBARDI, Saverio

# Thursday 29 October 2015

## Dark Matter: Dark Matter Searches - Room 2 (14:00-16:00)

-Conveners: Michele Doro; Shigetaka Moriyama

time	[id] title	presenter
14:00	[41] Search for Event Rate Modulation in XENON100 Electronic Recoil Data	Mr GAO, Fei
14:17	[100] Low-mass WIMP results and prospects with the EDELWEISS-III experiment	Dr ARMENGAUD, Eric
14:34	[118] The PandaX Dark Matter Experiment	Dr CHEN, Xun
14:51	[61] Dark matter search from DarkSide	WADA, Masayuki
15:08	[49] Dark matter search using fiducial volume analysis in XMASS experiment	Mr OGAWA, Hiroshi
15:25	[128] New Results from the CRESST Experiment	Dr STRAUSS, Raimund
15:42	[99] Dark Matter Direct Detection at the Ton Scale with the XENON Experiment	Dr CODERRE, Daniel

## Dark Matter: Physics & Cosmology (16:30-19:00)

-Conveners: ibe; Shigeki Matsumoto; Mihoko Nojiri Nojiri; Christoph Weniger

time	[id] title	presenter
16:30	[142] The CR-WIMP connection in the Galaxy	Dr EVOLI, Carmelo
17:05	[101] Update on GAMBIT	SCOTT, ON BEHALF OF THE GAMBIT COLLABORATION, Pat
17:22	[108] Update on scalar singlet dark matter from GAMBIT	Dr WENIGER, Christoph
17:39	[63] The electron plus positron spectrum from annihilation of Kaluza-Klein dark matter and comparison with recent measurements	Mr TSUCHIDA, Satoshi
17:56	[29] Higgs Portal Dark Matter and GeV Gamma-ray Excess	Dr TANG, Yong
18:13	[124] Galactic Center excess by two Higgs doublet portal scalar dark matter	SETO, Osamu
18:30	[66] Gamma ray tests of Minimal Dark Matter	Dr PANCI, Paolo
18:47	[28] Radiative Higgs Lepton-Flavor-Violating Decay Mediated by Leptophilic Dark Matter	KANG, zhaofeng