

DPF2015**Tuesday 04 August 2015****AstroParticle, Cosmology, Dark Matter Searches, and CMB - Michigan (14:00-15:30)****-Conveners: Rachel Mandelbaum**

| time | [id] title | presenter |
|-------|--|-----------------|
| 14:00 | [303] New Science with the Dark Energy Survey | HUFF, Eric |
| 14:30 | [189] Supernovae & The Dark Energy Survey | Ms WOLF, Rachel |
| 14:50 | [327] The Dark Energy Survey - First Results in Galaxy Cluster Weak Lensing | DAS, Rutuparna |
| 15:10 | [309] Discovery of Milky Way dwarf galaxies in the Dark Energy Survey and implications for cosmological models | LI, Ting |

AstroParticle, Cosmology, Dark Matter Searches, and CMB - Michigan (16:00-18:02)**-Conveners: Hugh Lippincott**

| time | [id] title | presenter |
|-------|---|-----------------------|
| 16:00 | [396] A search for dark matter annihilation in the newly discovered dwarf galaxy Reticulum 2 | GERINGER-SAMETH, Alex |
| 16:15 | [340] Dark matter inferred from stellar kinematics in the smallest galaxies | WALKER, Matthew |
| 16:30 | [324] Fermi/LAT observations of Dwarf Galaxies highly constrain a Dark Matter Interpretation of Excess Positrons seen in AMS-02, HEAT, and PAMELA | LOPEZ, Alejandro |
| 16:48 | [305] Constraining Unresolved Point Source Contributions to the GeV Excess with Probabilistic Catalogues | PORTILLO, Stephen |
| 17:06 | [264] Antideuteron Signatures of Dark Matter with the GAPS Experiment | PEREZ, Kerstin |
| 17:24 | [308] Prospects for Measuring the Positron Excess with the Cherenkov Telescope Array | KARN, Peter |

Wednesday 05 August 2015

AstroParticle, Cosmology, Dark Matter Searches, and CMB - Michigan (14:00-15:30)

-Conveners: Rachel Mandelbaum

| time | [id] title | presenter |
|-------|---|------------------------|
| 14:00 | [146] Bound on the variation in the fine structure constant implied by Oklo data | Ms HAMDAN, Leila |
| 14:18 | [318] SPT-3G: The Next Generation Receiver for Polarized Cosmic Microwave Background Measurements with the South Pole Telescope | BENDER, Amy |
| 14:36 | [375] SPIDER: Exploring the dawn of time from above the clouds | FILIPPINI, Jeffrey |
| 14:54 | [20] Position-dependent power spectrum: a new observable in the large-scale structure | CHIANG, Chi-Ting |
| 15:12 | [341] Axion and ALP Dark Matter Search with the International Axion Observatory (IAXO) | VOGEL, Julia Katharina |

AstroParticle, Cosmology, Dark Matter Searches, and CMB - Michigan (16:00-18:08)

-Conveners: Tomasz Biesiadzinski

| time | [id] title | presenter |
|-------|--|----------------------|
| 16:00 | [86] Search for new phenomena in final states with an energetic photon or jet and large missing transverse momentum in pp collisions with the ATLAS detector | WANG, Fuquan |
| 16:18 | [316] Probing Theories of Dark Matter with Direct Detection | MCDERMOTT, Samuel |
| 16:36 | [232] DAMIC results : Low mass WIMP($\sim < 5\text{GeV}$) direct detection with scientific CCDs | LIAO, Junhui |
| 16:54 | [134] World-leading Dark Matter Limits with PICO-2L and PICO-60 | HARRIS, Orin |
| 17:12 | [38] Results of DM-Ice17 and Prospects of the DM-Ice Experiment | LIM, Kyungeun |
| 17:30 | [238] Status of the KIMS-Nal experiment | Ms KIM, Kyungwon |
| 17:48 | [441] XENON: New Results and Prospects | Dr DE PERIO, Patrick |

Thursday 06 August 2015

AstroParticle, Cosmology, Dark Matter Searches, and CMB - Michigan (14:00-15:30)

-Conveners: Marilena Loverde

| time | [id] title | presenter |
|-------|--|------------------------|
| 14:00 | [55] Neutrino Dark Matter in the Higgs triplet model | BAHRAMI, Sahar |
| 14:18 | [379] Soft-collinear effective theory for heavy WIMP annihilation | SOLON, Mikhail |
| 14:36 | [87] Cosmology of Massive Gravity | Dr FASIELLO, Matteo |
| 14:54 | [147] Optimized evaluation approach for inflationary power spectra | Dr MOTOHASHI, Hayato |
| 15:12 | [271] Gauge and fermion preheating and the end of axion inflation | SFAKIANAKIS, Evangelos |

AstroParticle, Cosmology, Dark Matter Searches, and CMB - Michigan (16:00-17:50)

-Conveners: Marilena Loverde

| time | [id] title | presenter |
|-------|---|-----------------------|
| 16:00 | [93] Contribution of Dark Matter Annihilations to the Low-Redshift Metagalactic Ionization Rate | DAYLAN, Tansu |
| 16:18 | [165] How dark matter conspires to facilitate baryogenesis at the electroweak scale | RINDLER-DALLER, Tanja |
| 16:36 | [34] Cosmological tests of ultra-light axions | GRIN, Daniel |
| 16:54 | [338] Axion Stars and Bose-Einstein Condensate Dark Matter | EBY, Joshua |
| 17:12 | [274] Cosmological Non-Constant Problem: Cosmological bounds on TeV-scale physics and beyond | AFSHORDI, Niayesh |
| 17:30 | [451] Disorder: From Wires to Particle Production in Cosmology | AMIN, Mustafa |

Friday 07 August 2015

AstroParticle, Cosmology, Dark Matter Searches, and CMB - Michigan (14:00-15:30)

-Conveners: Michael Schubnell

| time | [id] title | presenter |
|-------|---|--|
| 14:00 | [265] TeV Astrophysics with the HAWC Observatory | TOLLEFSON, Kirsten Anne |
| 14:18 | [298] A Deep Observation of Gamma-ray Emission from Cassiopeia A using VERITAS | Mr GHIOTTO, Augusto |
| 14:36 | [230] Searching for Primordial Black Holes with TeV Gamma Ray Detectors | LINDEMANN, James Thomas |
| 14:54 | [259] First Limits on the Dark Matter Cross-Section with the High Altitude Water Cherenkov (HAWC) Observatory | HARDING, J. Patrick |
| 15:12 | [377] Searching for Dark Matter Annihilation into Neutrinos with Super-Kamiokande | FRANKIEWICZ, Kasia FRANKIEWICZ, Katarzyna |

AstroParticle, Cosmology, Dark Matter Searches, and CMB - Michigan (16:00-18:08)

-Conveners: Orin Harris

| time | [id] title | presenter |
|-------|---|-----------------------|
| 16:00 | [363] Status of the MiniCLEAN Experiment | CALDWELL, Tom |
| 16:18 | [17] Commissioning Data Results for the DEAP-3600 Dark Matter Experiment | CAI, Bei |
| 16:36 | [240] Status and Results from DarkSide-50 | FAN, Alden |
| 16:54 | [191] The LUX Dark Matter Experiment and an Updated Analysis of Its First Results | BIESIADZINSKI, Tomasz |
| 17:12 | [213] Progress of the LZ Dark Matter Experiment | HALL, Carter |
| 17:30 | [79] The PandaX Dark Matter Experiment | TAN, Andi |
| 17:48 | [429] Scintillating Bubble Chambers for Direct Dark Matter Detection | SZYDAGIS, Matthew |