

ICHEP2018 SEOUL

Thursday, July 5, 2018

Astro-particle Physics and Cosmology: 1 - 104 (9:00 AM - 10:30 AM)

-Conveners: Seong Chan Park

time	[id] title	presenter
9:00 AM	[M6] Ultralight Axion Dark Matter and Structure Formation	CHEUNG, Kingman
9:15 AM	[M30] Dark matter and early Universe	ARBEY, Alexandre
9:30 AM	[M48] Unitarizing SIMP scenario with dark vector resonances	CHOI, Soo-Min
9:45 AM	[M63] Dark matter in the early matter dominated Universe	CHOI, Ki-Young
10:15 AM	[M13] Relaxion: A Landscape Without Anthropics	PRESCOD-WEINSTEIN, Chanda

Astro-particle Physics and Cosmology: 2 - 104 (11:00 AM - 12:30 PM)

-Conveners: Carsten Rott

time	[id] title	presenter
11:00 AM	[M2] In between the Observation Runs 2 and 3, a status report on the Advanced LIGO and Advanced Virgo gravitational-wave detectors	Dr ARNAUD, Nicolas
11:15 AM	[M74] Probing the Reheating Temperature with a Gravitational Waves: with application to Gauss-Bonnet Inflation	TUMURTUSHAA, Gansukh
11:30 AM	[M1] Search for Rotational Cross-Correlations in Emergent Space-Time with the Holometer	Dr KWON, Ohkyung
11:45 AM	[M40] Searches for Nucleon Decay at Hyper-Kamiokande	YOKOYAMA, Masashi

Astro-particle Physics and Cosmology: 3 - 104 (2:00 PM - 4:00 PM)

-Conveners: Seong Chan Park

time	[id] title	presenter
2:00 PM	[M66] Leptogenesis in Cosmological Relaxation with Particle Production	Dr YE, Fang Dr YE, Fang
2:15 PM	[M31] Dark matter assisted Dirac leptogenesis and neutrino mass	Mr NIMMALA, Narendra
2:30 PM	[M18] Cosmological Helical Hypermagnetic Fields and Baryogenesis	KAMADA, Kohei KAMADA, Kohei
2:45 PM	[M13] Non-thermal WIMP baryogenesis	Mr KIM, Jongkuk
3:00 PM	[M02] Kaluza-Klein Towers in the Early Universe: Phase Transitions, Relic Abundances, and Applications to Axion Cosmology	Dr KOST, Jeff
3:15 PM	[M70] The spectrum of the axion dark sector, cosmological observable and black hole superradiance constraints.	Mr STOTT, Matthew
3:30 PM	[M013] The generation of B-mode and circular polarization of cosmic photons due to NonCommutative space-Time background	Dr TIZCHANG, Seddigheh

Astro-particle Physics and Cosmology: 4 - 104 (4:30 PM - 6:30 PM)**-Conveners: Andrei Kounine**

time	[id] title	presenter
4:30 PM	M48] Highlights from the Telescope Array Experiment	Prof. PARK, IL H.
4:45 PM	M25] Tests of hadronic interactions using the Pierre Auger Observatory	Dr HANSEN FOR THE PIERRE AUGER COLLABORATION, Patricia
5:00 PM	M65] The LHCf experiment: recent physics results	BERTI, Eugenio
5:15 PM	M27] The unusual structure detection in Extensive air shower events at Horizon-8T cosmic rays detector system	BATYRKHANOV, Ayan
5:30 PM	M51] Constraining New Physics with high multiplicity	Prof. PARK, Seong Chan

Friday, July 6, 2018

Astro-particle Physics and Cosmology: BSM+ASTRO Joint Session - 202 (11:00 AM - 12:30 PM)

-Conveners: Seong Chan Park

time	[id] title	presenter
11:00	A123] Direct Leptogenesis	Dr YIN, Wen Dr YIN, Wen
11:15	A103] Leptogenesis in the minimal Scotogenic Model through annihilation and coannihilation of scalar Dark Matter	Dr DASGUPTA, Arnab
11:30	A106] Low-scale leptogenesis with 3 right-handed neutrinos	Dr LUCENTE, Michele
11:45	A100] Statistical Analyses of Higgs- and Z-Portal Dark Matter Models	Dr FOWLIE, Andrew
12:00	P501] Revisiting electroweak phase transitions in SM with a singlet scalar: gauge artifact issue	Dr SENAHA, Eibun

Astro-particle Physics and Cosmology: 5 - 104 (2:00 PM - 4:00 PM)

-Conveners: Andrei Kounine

time	[id] title	presenter
2:00	M20] Observation of the Identical Rigidity Dependence of the Primary Cosmic Rays Helium, Carbon and Oxygen fluxes by the Alpha Magnetic Spectrometer on the International Space Station	WENG, Zhili
2:15	M21] Observation of the New Properties of the Secondary Cosmic Rays Lithium, Berillium and Boron with the Alpha Magnetic Spectrometer on the International Space Station¶ 20m¶ 20m	JIA, Yi
2:30	M30] Precision Measurement of Nitrogen flux by AMS	BERDUGO PEREZ, Javier
2:45	M22] Measurements of Light Nuclear Isotopic Composition in Cosmic Rays with the Alpha Magnetic Spectrometer on the International Space Station	BERDUGO PEREZ, Javier
3:00	M23] Precision Measurement of Electron and Positron Fluxes in Primary Cosmic Rays with the Alpha Magnetic Spectrometer on the International Space Station	WENG, Zhili
3:15	M26] Properties of Elementary Particle Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the International Space Station	Dr TANG, Zhicheng
3:30	M27] Anisotropy of Elementary Particle Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the International Space Station	CASAUS, Jorge
3:45	M28] Precision Measurement of the Monthly Cosmic Ray Fluxes with the Alpha Magnetic Spectrometer on the ISS	DELLA TORRE, Stefano

Astro-particle Physics and Cosmology: 6 - 104 (4:30 PM - 6:30 PM)

-Conveners: Javier Berdugo Perez

time	[id] title	presenter
4:30	M33] IceCube's astrophysical neutrino energy spectrum from CPT violation	MARFATIA, Danny M, D
4:45	M81] Search for Solar atmospheric neutrinos with the IceCube Neutrino Telescope	IN, Jin

5:00 P	[M41] Search for decaying dark matter with IceCube	Mr DUJMOVIC, Hrvoje
5:15 P	[M76] Combined search for dark matter in the Galactic center with ANTARES and IceCube	Dr TÖNNIS, Christoph
5:30 P	[M39] Latest results of the Antares detector and perspectives for KM3NeT/ARCA	Dr CREUSOT, alexandre
5:45 P	[M16] GRAND: A Giant Radio Array for Neutrino Detection	DE JONG, Sijbrand
6:00 P	[M47] Status of the Supernova Relic Neutrino Search and Atmospheric Neutrino Neutral-Current Quasi-Elastic Interactions Measurement in Super-Kamiokande	Ms WAN, Linyan WAN, Linyan
6:15 P	[M43] Supernova relic neutrino sensitivity study with 2nd Hyper-Kamiokande detector in Korea	YEUM, Dongnyeok

Saturday, July 7, 2018

Astro-particle Physics and Cosmology: 7 - 104 (9:00 AM - 10:30 AM)

-Conveners: Andrei Kounine

time	[id] title	presenter
9:00 AM	[M89] Status of a 3D Imaging Calorimeter of DAMPE for Cosmic Ray Physics on Orbit	Mr WU, Libo
9:15 AM	[M9] First Results from the DAMPE Mission	TYKHONOV, Andrii
9:30 AM	[M63] The cosmic-ray electron spectrum measured with the CALorimetric Electron Telescope	PACINI, Lorenzo
9:45 AM	[M24] Precision Measurement of the positron fraction and the combined electron and positron flux in Primary Cosmic Rays with the Alpha Magnetic Spectrometer on the International Space Station	LI, Zuhao
10:00 AM	[M63] Cosmic Ray Energetics And Mass (CREAM) Launch and On-Orbit Performance	SEO, Eun Suk
10:15 AM	[M64] The ISS-CREAM Silicon Charge Detector for identification of the charge of cosmic rays up to $Z = 26$	Dr LEE, Jik

Astro-particle Physics and Cosmology: 8 - 104 (11:00 AM - 12:30 PM)

-Conveners: Carsten Rott

time	[id] title	presenter
11:00 AM	[M4] An indirect dark matter search using cosmic ray antiparticles with GAPS	LOWELL, Alexander
11:15 AM	[M4] A new Paradigm on the TeV-scale Cosmic Rays: Contributions from the local sources	Prof. KEUM, Yong-Yeon KEUM, Yong-Yeon
11:30 AM	[M5] The Evidence of Magnetic Monopoles by Astronomical Observation and Its Astrophysical Implication	Prof. PENG, Qiuhe
11:45 AM	[M6] Cosmological search of light dark matter	KADOTA, kenji
12:00 PM	[M7] The Dark Energy Survey: Cosmological results from the first year of observations	Prof. MIQUEL, Ramon
12:15 PM	[M0] Extremely weak and super-efficient production of keV sterile neutrino: phase transition and induced parametric resonance creation.	CHUDAYKIN, Anton