

中国物理学会高能物理分会第十届全国会员代表大会暨学术年会

Wednesday, 20 June 2018

Parallel Session IV: Neutrino, Astroparticle Physics and Cosmology - Fuyue Room 5 (14:00 - 16:15)

-Conveners: Meng Wang; Shun Zhou

time	[id] title	presenter
14:00	[409] Neutrinoless double-beta decay physics and our opportunity at CJPL	HUANG, Huan Zhong
14:20	[410] Neutrinoless double-beta decays and PandaX-III experiment	Prof. 韩, 柯
14:40	[411] Nuclear Matrix Elements for Neutrinoless Double Beta Decays from realistic QRPA calculations	FANG, Dong-Liang
15:00	[45] Neutrinoless Double-Beta Decay with Topmetal Enabled Gain-less TPC	Mr 孙, 向明
15:15	[415] Indirect unitarity violation entangled with matter effects in reactor antineutrino oscillations	Ms ZHU, Jing-yu
15:30	[193] Latest nGd oscillation results from Daya Bay	Mr WU, Wenjie
15:45	[180] Latest result of $\sin^2(2\theta_{13})$ via neutron capture on Hydrogen at Daya Bay	Mr CHAO, Li
16:00	[184] 锦屏中微子1吨原型机实验研究	LI, Jinjing

Parallel Session IV: Neutrino, Astroparticle Physics and Cosmology - Fuyue Room 5 (16:30 - 18:35)

-Conveners: Shun Zhou; Meng Wang

time	[id] title	presenter
16:30	[412] Implications for the first measurement of coherent elastic neutrino-nucleus scattering	Prof. 李, 玉锋
16:50	[413] Detecting spectrum of supernova neutrino using Earth matter effect with liquid scintillator detectors	Prof. LIAO, Wei
17:10	[93] Searching for Heavy Neutrinos at CEPC	Dr WU, Xiaohong
17:30	[414] Detection of nuclearites in JUNO	Dr GUO, Wan-Lei
17:45	[20] Search for new physics with accelerator neutrino experiments	TANG, Jian
18:00	[95] 超级神冈的大气中微子中性流反应与超新星遗迹中微子寻找	WAN, Linyan

Friday, 22 June 2018

Parallel Session IV: Neutrino, Astroparticle Physics and Cosmology (08:30 - 10:30)

-Conveners: Jianglei Liu

time	[id] title	presenter
08:30	[68] Overview of PandaX-4T dark matter experiment and the R&D of the 4-ton scale TPC.	ZHOU, Ning
08:45	[108] Dark matter search with a light mediator at PandaX-II experiment	YANG, Yong
09:00	[65] Spin-dependent WIMP-nucleon cross section and effective field theory coupling limits from PandaX-II experiment	Mr XIA, Jingkai
09:15	[145] Low Energy Calibration of PandaX-II	Mr YAN, Binbin
09:30	[143] Analysis of Neutron Background in PandaX-II Experiment	Mr WANG, Qihong
09:45	[141] The Dark Matter Particle Explorer and Its First Results	HUANG, Guangshun
10:00	[51] Interpretations of the DAMPE electron data	Dr FENG, Lei
10:15	[240] A preliminary reconstruction of the carbon in cosmic rays with DAMPE Experiment	WU, Libo

Parallel Session IV: Neutrino, Astroparticle Physics and Cosmology (11:00 - 12:30)

-Conveners: Shun Zhou

time	[id] title	presenter
11:00	[26] The origin of extra positrons in cosmic rays	Dr BI, Xiao-Jun
11:15	[121] Two-zone diffusion of electrons and positrons from Geminga explains the positron anomaly	FANG, Kun
11:30	[416] Relic neutrinos from the Big Bang	张, 珏
11:45	[211] Searching for Sterile Neutrino Dark Matter with X-ray lines	NG, Kenny Chun Yu
12:00	[140] Sterile neutrinos as a possible explanation for the upward air shower events at ANITA	Mr GUO-YUAN, Huang
12:15	[153] Searching for Dark Photon Dark Matter with Gravitational Wave Detectors	Prof. ZHAO, Yue

Parallel Session IV: Neutrino, Astroparticle Physics and Cosmology (14:00 - 16:05)

-Conveners: Min Zha

time	[id] title	presenter
14:00	[125] The spatial dependent propagation of Galactic Cosmic Rays	Dr GUO, Yiqing
14:20	[196] Using $Z \leq 2$ data to constrain cosmic ray propagation models	Dr WU, Juan
14:35	[418] 宇宙线能谱和各向异性的联合模型研究	LIU, Wei
14:50	[157] LHAASO实验端窗型PMT性能分析	Ms 于, 艳红
15:05	[172] LHAASO实验中大尺寸光敏探头特性研究	Mr JIANG, Kun
15:20	[111] An Optical Design of the Telescope in the Wide Field of View Cherenkov/Fluorescence Telescope Array	Prof. LIU, Jiali

15:35	[177] The study and application of efficiency calibration method for the water Cherenkov detector array	Dr YAO, Zhiguo Mr 李, 会财 Dr 陈, 明君
15:50	[181] LHAASO-WCDA基于簇射事例的时间标定方法	Mrs LIU, JinYan

Parallel Session IV: Neutrino, Astroparticle Physics and Cosmology (16:30 - 18:30)

-Conveners: Cunfeng feng

time	[id] title	presenter
16:30	[127] progress of HERD project	XU, Ming
16:50	[206] Latest Results from the Alpha Magnet Spectrometer experiment on the International Space Stations	Prof. LI, Zuhao
17:10	[188] 基于ARGO-YBJ实验对宇宙线大尺度各向异性的研究	梁, 羽佳
17:30	[38] Measurement of muonic and electromagnetic components using LHAASO-KM2A prototype array	Dr LI, Cong
17:45	[159] EAS热中子探测技术及探测阵列Prisma-16介绍	Prof. 崔, 树旺
18:00	[419] 甚高能伽马射线观测研究进展	陈, 松战
18:15	[122] Gamma-ray Burst Jet Breaks Revisited and GRB Observing Plan	Prof. WANG, Xiang-Gao

Saturday, 23 June 2018

Parallel Session IV: Neutrino, Astroparticle Physics and Cosmology (10:45 - 12:30)

-Conveners: 祖豪 李

[id]	title	presenter
[192]	Axion like particles and the CMB asymmetry	Dr YANG, Qiaoli
[420]	Probing millicharge at electron colliders	Prof. LIU, Zuwei
[151]	Following the density perturbations through a bounce with AdS/CFT Correspondence	Mr MING, Lei
[212]	Cosmological Collider Phenomenology: the Standard Model and Beyond	XIANYU, Zhongzhi
[14]	Higgs inflation and cosmological electroweak phase transition with N scalars in the post-Higgs era	Dr CHENG, wei
[53]	Emergent Dark Matter and the Evolution of Late Universe	Dr ZHANG, Yun-Long
[5]	磁单极存在的天文观测证据和它在天体物理学中的重大作用：一磁单极驱爆超新星和宇宙热大爆炸的物理机制	Prof. 彭, 秋和