中国物理学会高能物理分会第十四届全国粒子物理学术会议（2024）

Wednesday, 14 August 2024

分会场四：中微子物理、粒子天体物理与宇宙学（一） - 锦华宫C (14:00 - 18:20)

-Conveners: 哲 李; Hongyue Duyang

time	[id] title	presenter
14:00	[402] Observation of the BOAT GRB from LHAASO	YAO, Zhiguo
14:20	[403] Locating a Super PeVatron at Cygnus Region	LI CONG, UNKNOWN
14:40	[404] LHAASO-KM2A精确测量0.3到30PeV的宇宙线全粒子能谱和平均对数质量	张，恒英
15:00	[405] 阿尔法磁谱仪（AMS）宇宙线原子核能谱最新测量结果	陈，尧
15:20	[407] AMS实验测量宇宙线粒子流强随时间变化最新结果	SUN, Zetong
15:40	[406] Problem of cosmic ray origin and precise measurements	BI, Xiao-Jun
16:00	茶歇	
16:20	[408] Review of θ_{13} measurements and latest results from Daya Bay	LI, Jinjing LI, Jinjing
16:40	[409] 反应堆中微子能谱：大亚湾实验最新结果与JUNO-TAO实验	XU, jiayang 韩，阳
17:00	[410] 江门中微子实验探测器技术研发及现状	张，永鹏
17:20	[411] Neutrino Oscillation Physics in JUNO	赵润泽, UNKNOWN
17:40	[412] Neutrino Oscillation Analysis with Combined Data from Super-Kamiokande and T2K	HU, Jianrun
17:55	[413] 伽马射线暴等暂现源观测及其研究@GXU地基天文观测平台	李，幸玲

Thursday, 15 August 2024

分会场四：中微子物理、粒子天体物理与宇宙学（二） - 锦华宫C (08:30 - 12:30)

-Conveners: 丽桃 杨; Shao-Feng Ge

time	[id] title	presenter
08:30	[422] A proposed PKU-Muon experiment for muon tomography and dark matter search	ZHOU（周）, Chen（辰） LI, Qiang
08:42	[414] Search for WIMP DM in PandaX-4T experiment	陶, 奕
09:02	[415] CDEX实验研究进展及展望	杨, 丽桃
09:22	[416] Latest results of the DArk Matter Particle Explorer	魏, 逸丰
09:42	[417] AMS实验正负电子、反质子流强谱最新测量结果与暗物质的间接寻找	ZHANG, Cheng
10:02	[418] DESI Y1: Cosmological Constraints from the Measurements of Baryon Acoustic Oscillations	TAN, Ting
10:22	茶歇	
10:37	[421] Constraints on the properties of dark matter by astronomical observations	BI, Xiao-Jun
10:49	[423] The GAPS Experiment for Indirect Dark Matter Searches with Low-energy Cosmic-Ray Antinuclei	XIAO, Mengjiao
11:01	[424] Search for Coherent Elastic Scattering of Solar B8 Neutrinos in the XENONnT	LIU, Kexin
11:13	[425] Searching for Solar Boron-8 Neutrinos via Coherent Elastic Neutrino-Nucleus Scattering with PandaX-4T Experiment	JIAFU, Li
11:25	[426] CICENNS: 300-kg CsI(Na) Detector for Coherent Elastic Neutrino-Nucleus Scattering (CEvNS)	麦, 景宇
11:37	[427] RELICS: 基于液氙双相时间投影室的反应堆中微子相干弹性散射测量	CAI, Chang
11:49	[428] RECODE: 高纯锗反应堆中微子相干散射实验	王, 力

分会场四：中微子物理、粒子天体物理与宇宙学（三） - 锦华宫C (14:00 - 18:02)

-Conveners: 伟伟 许; Donglian Xu

time	[id] title	presenter
14:00	[429] 大型超高能伽马源立体跟踪装置（LACT）项目进展	王, 玉东
14:20	[430] 南天大视场伽马射线望远镜（SWGO）项目	OU, Ziwei
14:40	[431] 江门中微子实验中微子天文学研究	ZHANG, Yibing
15:00	[432] 面向暂现源的超广角大气切伦科夫望远镜研究	冯, 有亮
15:15	[433] Neutrino Mass Measurement with Cosmic Gravitational Focusing	GE, Shao-Feng
15:30	茶歇	
15:50	[434] AMS同位素测量最新结果	WEI, Jiahui
16:02	[435] AMS反氘测量	卢, 森泉
16:14	[436] AMS实验测量宇宙线氘同位素的最新结果	许, 伟伟
16:26	[437] Measurement of Iron Spectrum in Cosmic Rays with DAMPE	聂, 宇

16:38	[438] Measurements of the boron-to-carbon and boron-to-oxygen flux ratios in cosmic rays with DAMPE	徐，恩珩
16:50	[439] Observation of the MGRO J1908+06 Region with LHAASO	WU SHA, UNKNOWN
17:02	[440] A real-time monitor on extragalatic tranisents with the LHAASO-WCDA	ZHOU, Jianeng
17:14	[442] Latest results from the CUORE experiment	FU, Shihong
17:26	[441] CUPID-China实验进展与计划	陈，昊
17:38	[443] Status of JNE	LUO, Wentai
17:50	[444] Revisiting primordial neutrino asymmetries, spectral distortions and cosmological constraints with full neutrino transport	李，沅桢

Friday, 16 August 2024

分会场四：中微子物理、粒子天体物理与宇宙学（四） - 锦华宫C (08:30 - 12:35)

-Conveners: Shou-Shan Bao; 泽源 于

time	[id] title	presenter
08:30	[445] 高能水下中微子望远镜(HUNT)的研究进展	黄，天奇 陈，明君
08:50	[446] 海铃计划进展与展望	MEI，Hualin
09:10	[447] Progress of the Giant Radio Array for Neutrino Detection (GRAND) Project	张，毅
09:30	[448] Black Hole Superradiance and Gravitational Wave Beats	郭，印达
09:45	[449] Angular correlation and deformed Hellings-Downs curve by spin-2 ultralight dark matter	ZHANG，Yun-Long
10:00	[450] Leptogenesis assisted by scalar decays	余，钊焕
10:15	[451] The First LHAASO Catalog of Gamma-ray Sources	胡，世聪
10:30	茶歇	
10:45	[597] Measurement of cosmic muon flux and cosmogenic neutron production at CJPL	张，昕舜
10:48	[598] Muon induced Li9/He8 and Fast-N & Muon-X Background in Dayabay Reactor Neutrino Experiment	魏，巍
10:51	[599] Prospects for observing neutrino sources with the High-energy Underwater Neutrino Telescope	黄，天奇
10:54	[600] A ROOT based detector geometry and event visualization system for JUNO-TAO	LIAO，Minghua
10:57	[601] JUNO实验上的探测器ID和几何管理系统	WU，Chengxin
11:00	[602] Xe134 2□□□/0□□□ Search in PandaX-4T Experiment	颜，玺雨
11:03	[603] 在PandaX-4T实验中搜寻宇宙线电子加速暗物质	尚，晓凤
11:06	[604] Search for Neutrinoless Double-Beta Decay of Xe-136 with the PandaX-4T Detector	张，澍
11:09	[605] GeV neutrino interaction study	程，捷
11:12	[606] Extraction of fissile isotope antineutrino spectra using deep learning	WANG，Jun
11:15	提问	
11:25	[607] CICENNS: 300-kg CsI(Na) Detector for Coherent Elastic Neutrino-Nucleus Scattering (CEvNS)	HUANG，Zhenxiu
11:28	[608] 锦屏百吨中微子探测器本底屏蔽设计	魏，昌旭
11:31	[609] RELICS 实验标定系统的设计与测试	于，佳辰
11:34	[610] Investigating Dark Matter in Antiproton Cosmic Rays and Searching for Antimatter in Cosmic Rays with DAMPE	XU，Zhi-Hui
11:37	[611] Properties of Forbush decreases of electrons and positrons revealed by the Dark Matter Particle Explorer	LI，wenhao
11:40	[612] Latest result on searching for fractionally charged particles with the DAMPE	赵，聪

11:43	[613] 基于全数据集的大亚湾反应堆中微子实验中缪子事例率的季节变化	马，帮争
11:46	[614] The development and beam test result of high granularity crystal calorimeter prototype of VLAST	张，研硕
11:49	[615] RELICS探测器的电场设计和光学模拟	刘，佳俊
11:52	[616] 基于CDEX实验的加速暗物质研究	徐，锐
11:55	提问	
12:05	[617] 利用AMSO2宇宙线周期性能谱对太阳调制模型进行研究	吴，娟
12:08	[618] 基于LHAASO-KM2A对宇宙线大尺度各向异性的观测	张，伟燕
12:11	[619] 11年太阳周期中的AMS宇宙线反质子测量	唐，志成
12:14	[620] Online event classification in JUNO	WANG, Mingyuan
12:17	[621] Carbon, Oxygen and CNO combined spectra measurement with DAMPE	MA, Pengxiong
12:20	[622] Measurement of very-high-energy diffuse gamma-ray emission from $\|b\| < 5^\circ$ of the Galactic plane with LHAASO-WCDA	张，佩佩
12:23	[623] Calibrating Low-Energy Nuclear Recoils with Dual-Phase Argon TPC for Future Light Dark Matter Searches	尹，纪龙
12:26	[624] Event reconstruction of atmospheric neutrinos using Machine Learning-based method in JUNO	MA, Wing Yan
12:29	[625] JUNO reactor IBD selection with machine learning method	肖，菲
12:32	[626] Formation and growth of solitons in nonminimally gravitating dark matter	ZHANG, Hong-Yi