

2024年紫金山暗物质研讨会

Saturday, 12 October 2024

Plenary (09:00 - 10:15)

-Conveners: 益 廖

time	[id] title	presenter
09:00	[2] CDEX实验进展和计划	MA, Hao
09:25	[3] The Dark Photon Searches at the APEX and TASEH Experiments	LI, Tianjun
09:50	[4] SRF Cavity Searches for DP	舒, 菁

Plenary (10:45 - 12:00)

-Conveners: 鑫 张

time	[id] title	presenter
10:45	[5] Evidence for Two Distinct Populations of Dark-Matter Deficient Galaxies from the FAST	曹, 硕
11:10	[6] 基于大规模巡天数据的银河系暗物质分布研究	黄, 样
11:35	[7] Constraining properties of dark matter from astronomical observations	BI, Xiao-Jun

Plenary (14:00 - 15:40)

-Conveners: 雷 武

time	[id] title	presenter
14:00	[21] Fermionic Absorption Dark Matter	GE, Shao-Feng
14:25	[8] Novel dark matter scenarios with lepton or baryon number violation	MA, Xiao-Dong
14:50	[10] Asymmetric self-interacting dark matter with a spontaneously broken $U(1)$	张, 孟超
15:15	[22] The status of WIMP dark matter	LIU, Jia

Plenary (16:10 - 17:50)

-Conveners: 强 袁

time	[id] title	presenter
16:10	[13] The density profile of Milky Way halo constrained from OGLE microlensing event map	LUO, Wentao
16:35	[14] Illuminating dark matter with gravitational lensing	舒, 轶平
17:00	[15] Exploring Supermassive Compact Dark Matter with the Millilensing Effect of Gamma-Ray Bursts	周, 欢
17:25	[38] Primordial Gravitational atom	康, 召丰

Sunday, 13 October 2024

Plenary (09:00 - 10:15)

-Conveners: 宇峰 周

time	[id]	title	presenter
09:00	[16]	TBA	吴, 岳良
09:25	[17]	Flavorful Dark Matter	何, 小刚
09:50	[18]	微重力冷原子物理进展	LIU, Liang

Plenary (10:45 - 12:25)

-Conveners: 云贵 龚

time	[id]	title	presenter
10:45	[19]	PandaX-4T Experiment and its Recent Progress	LIN, Qing
11:10	[20]	XENONnT: Neutrino Fog and Dark Matter	GAO, Fei
11:35	[9]	A systematic investigation on dark matter-electron scattering in effective field theories	王, 昊琳
12:00	[12]	Probing Dark Matter with Gravitational-wave Detectors in Space	TANG, Yong

Monday, 14 October 2024

Plenary (09:00 - 10:15)

-Conveners: 俊杰 曹

time	[id] title	presenter
09:00	[24] Constraining neutrino-dark-matter interactions	ZHANG, Yongchao
09:25	[23] Dark photon dark matter search at TASEH experiment	LI, Jinmian
09:50	[11] Searching for signatures of self-interacting dark matter	杨, 大能

Plenary (10:45 - 12:00)

-Conveners: 永亮 马

time	[id] title	presenter
10:45	[25] Axionlike Dark Matter Models and Detections	CHAO, Wei
11:10	[26] Probing axion and new physics at muon collider	SONG, Ningqiang
11:35	[27] Probing inelastic dark matter in collider experiments	卢, 致廷

Plenary (16:00 - 17:00)

-Conveners: 岳霖 蔡

time	[id] title	presenter
16:00	[39] Search for BSM T-odd mechanisms in pe scattering with a polarized hydrogen target?	GOU, Boxing
16:25	[40] Possible Dark Matter Signals from White Dwarfs	NIU, Jia-Shu
16:50	[42] 2025紫金山暗物质研讨会介绍	ZHU, bin