



# 第三届地下和空间粒子物理与宇宙物理前沿问题研讨会

## Wednesday, 8 May 2024

### 00 - 大会报告 (09:15 - 10:45)

-Conveners: Qian Yue

time	[id] title	presenter
09:15	[300] 引力量子场论中的引力动力学和引力波&空间引力波探测太极计划	Prof. 吴, 岳良
09:45	[254] Super Tau Charm Facility: Physics and Challenge	Prof. 赵, 政国
10:15	[255] 强流高功率离子加速器大科学装置及其挑战	Prof. 赵, 红卫

### 00 - 大会报告 (11:15 - 12:15)

-Conveners: 峰 刘

time	[id] title	presenter
11:15	[256] 锦屏大设施建设进展和相关科学研究	ZENG, Zhi
11:45	[238] 江门中微子实验工程现状及远景	LI, Xiaonan

# Thursday, 9 May 2024

## 00 - 大会报告 (09:00 - 10:30)

**-Conveners:** 冰 郭

time	[id] title	presenter
09:00	[14] Direct measurement of key nuclear astrophysics reactions down to the Gamow window in a deep underground laboratory (JUNA)	LIU, Weiping
09:30	[115] LHAASO实验进展暨高能宇宙线实验现状与未来规划	张, 寿山
10:00	[231] 引力波、致密天体、磁化大质量恒星---探究质量禁区内黑洞的前身星	LOU, YU QING

## 00 - 大会报告 (11:00 - 12:30)

**-Conveners:** 勇 汤

time	[id] title	presenter
11:00	[288] 空间高能粒子探测	DONG, Yongwei
11:30	[291] 低频引力波天文学	韩, 文标
12:00	[263] 太极计划关键技术研究进展	LUO, Ziren

# Friday, 10 May 2024

## 00 - 大会报告 (09:00 - 10:30)

-Conveners: Jia Liu

time	[id] title	presenter
09:00	[264] 宇宙结构形成与暗物质粒子属性	Prof. 高, 亮
09:30	[266] Accelerator searches for dark matter	Prof. LIU, Zuwei
10:00	[302] Hunting for WIMPs and Beyond	Prof. 武, 雷

## 00 - 大会报告 (11:00 - 12:00)

-Conveners: 萌王

time	[id] title	presenter
11:00	[275] 新型探测技术在稀有事例实验研究中的应用	Prof. LI, Yulan
11:30	[284] 暗物质直接探测实验	Prof. MA, Hao

# Saturday, 11 May 2024

## **00 - 大会报告 (09:00 - 10:30)**

**-Conveners: wei chao**

time	[id] title	presenter
09:00	[273] Neutrino physics with accelerator, reactor and astrophysical neutrinos	Prof. KIM, Soo-Bong
09:30	[270] 无中微子双贝塔衰变实验现状与机遇	韩, 柯
10:00	[271] 中微子有效场论	Prof. YU, Jiang-Hao

## **00 - 大会报告 (11:00 - 12:00)**

**-Conveners: Yu-Feng Zhou**

time	[id] title	presenter
11:00	[272] Nuclear Matrix Elements for Neutrinoless Double-Beta Decay	Prof. ZHAO, Pengwei
11:30	[301] 会议总结	ZHOU, Yu-Feng