



## 中国物理学会高能物理分会第十一届全国会员代表大会暨学术年会

Thursday, August 11, 2022

Parallel Session IX (5): Particle Detector Technology (2:00 PM - 4:00 PM)

-Conveners: 智 邓

time	[id]	title	presenter
2:00	P[M216]	Silicon module assembly and QA/QC for HGCal upgrade	Dr ZHAO, Xiao
2:02	P[M215]	Study the method for measurement of an optimized LYSO energy resolution	Mr HU, Peng
2:04	P[M199]	Study on ATLAS Inner Tracker strip module production rate	LI, Zhan
2:06	P[M179]	Development of HVCOS-based silicon tracker for CEPC	姜啸捷
2:08	P[M195]	碳化硅高时间分辨探测器	SHI, Xin
2:10	P[M194]	Quality Assurance for the ATLAS Inner Tracker strip sensor	李, 晖
2:12	P[M197]	The Development of 4H-SiC Detector for Fast Minimum Ionization Particle Detection	YANG, Tao
2:14	P[M196]	应用于能量分辨中子成像的探测器研制	Mr YANG, Wenqin
2:16	P[M177]	Plan for an upgrade Upstream Tracker at LHCb Upgrade II	邹, 全
2:18	P[M181]	IHEP-IME LGAD传感器抗辐照特性研究	ZHAO, Mei
2:20	P[M275]	Latest results of a monolithic active pixel sensor prototype for the CEPC vertex detector	Dr WU, Tianya WANG, Wei
2:22	P[M135]	Fast Simulation and Design of Muon Scattering Tomography System	Ms LI, Huiling Ms CHEN, Jiahui Mrs LI, Yiyue
2:24	P[M178]	Study of the Single-Event Effect on the SALT chip	盛, 书琪
2:26	P[M234]	A Boosted Decision Tree Model for the Positron Acceptance in the Muon g-2 Experiment	Prof. KHAW, Kim Siang
2:28	P[M253]	The High-Granularity Timing Detector module flex design and simulation for the ATLAS Phase-II upgrade	李淑琦
2:30	P[M138]	高精度时钟与控制信号分发与同步技术研究进展	Dr QIN, Jiajun
2:32	P[M256]	HERD穿越辐射探测器TeV能区能量标定研究	LIU, Hb
2:34	P[M232]	“海铃探路者”实验中的相机刻度系统	田, 玮
2:36	P[M24]	PandaX-4T暗物质探测器超高纯氙气回收系统	Dr WANG, Zhou
2:38	P[M347]	Introduction of DAQ System's Firmware of Giant Radio Array for Neutrino Detection	Mr 许, 行
2:40	P[M187]	A Novel Reconstruction Method for Atmospheric Neutrinos in Large Liquid Scintillator Detectors with Machine Learning Technique	DUYANG, Hongyue
2:42	P[M229]	"GRAND" 数据获取电子学板的测试研究	Mr CHEN, Yiren
2:44	P[M362]	基于 <sup>3</sup> He管中子位置灵敏探测器的真空下低功耗读出电子学设计	Mr LI, Qicai
2:46	P[M363]	CEPC MOST2 vertex detector module assembly with Gantry system	黄, 鑫辉
2:48	P[M235]	基于Geant4的海水中光子传播模拟及海水光学性质解析	Mr WEI, Zhenyu

2:50	PM339] Automatic High-Granularity Timing Detector Module Assembly with Gantry System	ZENG, Hao
2:52	PM336] Gain Measurement of Silicon Photomultiplier	SUN, binghao
2:54	PM245] 基于圆柱形 $\mu$ RWELL的超级陶察装置内径迹探测器研究	FANG, Zhujun
2:56	PM121] Test of a prototype Topmetal chip for NDEx experiment	ZHANG, Dongliang WANG, Hulin CHEN, Kai LIANG, Tianyu LIU, jun
2:58	PM248] Performance of carbon implantation LGAD developed by IHEP and IME	LI, Mengzhao
3:00	PM299] Effect of Carbon co-implantation on radiation hardness of LGAD	FENG, Yuan
3:04	PM507] Spacer configuration optimization for RPCs based on COMSOL Multiphysics simulation	LAGARDE, Francois YANG, Haijun GUO, Jun MAO, Lining
3:06	PM358] 面向大科学装置的高性能数据流处理框架DSNI	Dr TENG, Haiyun
3:08	PM327] Check on the features of potted 20-inch PMTs with 1F3 electronics prototype at Pan-Asia	Ms CAIMEI, Liu