



# Workshop on Muon Physics at the Intensity and Precision Frontiers

Saturday, 15 April 2023

Poster session and buffet dinner: Poster session and buffer dinner - Tsung-Dao Lee Institute-NIF Dining Hall (17:30 - 20:00)

time	[id]	title	presenter
17:30	[52]	Search for the semi-muonic weak decay $J/\psi \rightarrow D \mu \nu$	Mr LI, Zhijun
17:30	[42]	Deep Learning Based Tracking Reconstruction and Magnetic Field Measurement Research in the Muon $g-2$ Experiment	Dr LI, Bingzhi
17:30	[12]	Application of Machine Learning in the simulation of the Fermilab Muon $g-2$ Experiment	Mr WAN, Yimin Mr ZHU, Yiming Mr HUANG, Xingyun Mr NG, Jun Kai
17:30	[15]	Research and development of a muon entrance trigger for the muEDM experiment at PSI	NG, jun kai WONG, GM
17:30	[19]	search for the lepton flavor violating decay $J/\psi \rightarrow e \mu$	SONG, Tianzi
17:30	[20]	Different-sign Longitudinally Polarized WW Scattering at the Muon Collider	Ms WANG, Wanyue
17:30	[17]	Muon beams for Neutrino CP violation: A bridge between Energy and Neutrino Frontiers	RUZI, Alim
17:30	[18]	Pileup Study for the Precession Frequency Analysis in the Fermilab Muon $g-2$ Experiment	ZENG, Yonghao
17:30	[21]	Comparison study of muon sources	WANG, Jiangtao LV, Meng Mr LIU, Fangchao CHEN, Siyuan LIANG, wang
17:30	[13]	Feasibility study of a muon polarization monitor: Monte-Carlo simulation of muon detection and decay position reconstruction	XINTONG, Cai
17:30	[11]	Revealing the origin of neutrino masses through the Type II and Type III Seesaw mechanism at high-energy muon colliders.	Mr YUAN, Man
17:30	[22]	MuGrid: A scintillator detector towards cosmic muon absorption imaging	YU, TAO
17:30	[23]	Muon Beam Monitor in the COMET experiment	NING, Yunsong TANG, Jian
17:30	[25]	R&D of the J-PARC muon spin polarization monitor (hardware development)	LV, Meng
17:30	[27]	Widening the $SU(1)_L \times U(1)_{\mu - \tau}$ $SZ^{\prime}$ mass range for resolving the muon $g-2$ anomaly	Mr JIN, Sun