

Session Program

Apr 19 - 22, 2024



Workshop on Muon Physics at the Intensity and Precision Frontiers (MIP 2024)

Plenary-1

Peking University

Sat, April 20

8:30 AM

Plenary-1: Plenary-1a

Session | **Location:** Peking University | **Conveners:** Huan Jia, Jingyu Tang

8:30 – 8:35 AM **Opening**

Speakers

Yuanning Gao, Xueqing Yan

8:35 – 8:40 AM **Brief review of MIP/Muon series in China**

Speakers

Prof. Chao-Hsi Chang, Jingyu Tang, Liang Li

8:40 – 9:05 AM **Progress of MELODY**

Speaker

Yu Bao

9:05 – 9:30 AM **Towards a high-intensity muon source at CiADS**

Speaker

Dr Han-Jie Cai

9:30 – 9:55 AM **Muon source project at SHINE**

Speaker

Yusuke Takeuchi

9:55 – 10:20 AM **New mechanism of TeV muon acceleration driven by laser plasma**

Speaker

Xueqing Yan

10:20 AM

10:50 AM

Plenary-1: Plenary-1b

Session | **Location:** Peking University | **Conveners:** Dr Qite Li, Prof. Kim Siang Khaw, Dr Kim Siang Khaw

10:50 – 11:15 AM **The Fermilab Muon g-2 Experiment**

Speaker

Hoh Siewyan

11:15 – 11:40 AM **J-PARC Muon g-2/EDM**

Speakers

Tamaki Yoshioka, Tamaki Yoshioka

11:40 AM – 12:05 PM

multi body final states production in electron-positron annihilation and their contributions to $(g-2)_\mu$

Speaker

lingyun dai

12:20 PM

1:30 PM

Plenary-1: Plenary-1c

Session | **Location:** Peking University | **Conveners:** LI Haibo lihaibo, Ye Yuan

1:30 – 1:55 PM

Search for Muon to Electron Conversion in a Muonic Atom

Speaker

Yoshitaka KUNO

1:55 – 2:20 PM

The Mu2e experiment at Fermilab

Speaker

Zhengyun You

2:20 – 2:45 PM

Position Sensitive Detectors and Applications at CIAE

Speakers

Xiaomei Li, Xiaomei Li

2:45 – 3:10 PM

GNN-Based Tracking Reconstruction for the Fermilab Muon g-2 Experiment

Speaker

Dr Bingzhi Li

3:10 – 3:35 PM

Finding axions at muon experiments

Speaker

Lorenzo Calibbi

4:20 PM

4:00 PM

Plenary-1: Plenary-1d

Session | **Location:** Peking University | **Conveners:** Liang Li, Prof. Jian Tang

4:00 – 4:25 PM

MEG II

Speaker

Satoshi Mihara

4:25 – 4:50 PM

International Muon Collider (Zoom)

Speakers

Donatella Lucchesi, Donatella Lucchesi

4:50 – 5:15 PM

NA64mu (Zoom)

Speaker

Paolo Crivelli

5:15 – 5:40 PM

The MUonE Experiment: Understanding Muon g-2 Puzzle via Muon-electron Scattering

Speaker

Ce Zhang

5:40 – 6:05 PM

Sensitive Search of The Muon EDM with the Frozen-spin Technique

Speaker

Guan Ming Wong

6:05 – 6:30 PM

The LFV and LNV processes at the same-sign muon colliders

6:30 PM

Speaker
jinlei yang