Session Program

Jun 8 – 13, 2025

15th Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2025) Madison Wisconsin June 9-13

Precision Physics at High Intensities

Mon, June 9

1:30 PM

Precision Physics at High Intensities: Parallel 1

Session | **Location:** Multicultural Greek | **Convener:** Allison Zec

1:30 – 1:55 PM **Ab initio overlap integrals for μ → e conversion in nuclei**

Speaker
Matthias Heinz

1:55 – 2:20 PM **Searching for Lepton Flavor Violation**

Speaker
Kaori Fuyuto

2:20 – 2:45 PM **Mu2e at Fermilab : Charged Lepton Flavor Violation Experiment**

Speaker
Mamta Jangra

2:45 – 3:10 PM **A new method to calibrate the momentum scale of the Mu2e experiment**

Speaker
Pavel Murat

3:10 PM

Tue, June 10

1:30 PM

Precision Physics at High Intensities: Parallel 3

Session | **Location:** Multicultural Greek | **Convener:** Dylan Palo

1:30 – 2:00 PM **Theoretical Advances in g-2**

Speaker
Shaun Lahert

2:00 – 2:30 PM **Dispersive determinations of lattice muon g-2 HVP contributions**

Speaker
Kim Maltman

2:30 – 3:00 PM **Status of the MUonE experiment**

Speaker
Dinko Pocanic

3:02 PM

7:00 PM

Precision Physics at High Intensities: Parallel 9

Session | **Location:** Multicultural Greek | **Convener:** Paul King

7:00 – 7:25 PM **Muon-electron conversion from Lorentz- and CPT-violating operators**

Speaker
William McNulty

7:25 – 7:50 PM **PIONEER: A next-generation rare pion decay experiment**

Speaker
Emma Klemets

7:50 – 8:15 PM **Precision measurements of kaon and pion decays at NA62**

Speaker
Peter Cooper

8:15 – 8:40 PM **Studies of τ and dark sector decays at Belle and Belle II**

Speaker
William Jacobs

8:40 PM

Wed, June 11

2:00 PM

Precision Physics at High Intensities: Parallel 5

Session | **Location:** Multicultural Greek | **Convener:** Dylan Palo

2:00 – 2:30 PM

Measurement of the muon's anomalous spin precession frequency in the Fermilab Muon g-2 Experiment

Speaker
Scott Israel

2:30 – 3:00 PM **Precision Magnetic Field Measurements in Muon g-2**

Speaker
David Kessler

3:00 – 3:30 PM **PSI's MuonEDM experiment**

Speaker
Diego Sanz-Becerra

3:30 PM

7:00 PM

Precision Physics at High Intensities: Parallel 10

Session | **Location:** Multicultural Greek | **Convener:** Allison Zec

7:00 – 7:30 PM

Simultaneous Measurement of Electron- and Muon-Proton Elastic Scattering with the MUSE Experiment at PSI

Speaker
Paul Reimer

7:30 – 8:00 PM

Current status of precise measurement of muonium hyperfine structure in high magnetic field at J-PARC MUSE

Speaker
Takayuki Yamazaki

8:00 – 8:30 PM **X-Ray Spectroscopy of Light Muonic Atoms**

Speaker
Katharina von Schoeler

8:30 PM