

# **3rd Liverpool Workshop on Muon Precision Physics 2024 (MPP2024)**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Welcome

*Tuesday, 12 November 2024 13:30 (10 minutes)*

**Session Classification:** General

Contribution ID: 2

Type: **not specified**

## Status of the Muon g-2 puzzle

*Tuesday, 12 November 2024 13:40 (40 minutes)*

**Session Classification:** General

Contribution ID: 3

Type: **not specified**

## Status of Lepton Flavour violation process

*Tuesday, 12 November 2024 14:20 (40 minutes)*

**Session Classification:** General

Contribution ID: 4

Type: **not specified**

## Status of EDM searches

*Tuesday, 12 November 2024 15:30 (40 minutes)*

**Session Classification:** General

Contribution ID: 5

Type: **not specified**

# The Precision frontier of particle physics in 2024

*Tuesday, 12 November 2024 16:50 (50 minutes)*

**Session Classification:** General

Contribution ID: 6

Type: **not specified**

## Status of g-2 analysis towards final result

*Wednesday, 13 November 2024 09:00 (40 minutes)*

**Session Classification:** g-2

Contribution ID: 7

Type: **not specified**

## Status of JParc muon g-2/EDM experiment

*Wednesday, 13 November 2024 09:40 (40 minutes)*

**Session Classification:** g-2



Contribution ID: 8

Type: **not specified**

## Status of HVP lattice

*Wednesday, 13 November 2024 10:20 (40 minutes)*

**Session Classification:** g-2

Contribution ID: 9

Type: **not specified**

## Status of HVP dispersive

**Session Classification:** g-2

Contribution ID: **10**

Type: **not specified**

## Status of MUonE experiment

*Wednesday, 13 November 2024 12:20 (40 minutes)*

**Session Classification:** MUonE

Contribution ID: **11**

Type: **not specified**

## Status of MUonE Theory

**Session Classification:** MUonE

Contribution ID: 12

Type: **not specified**

## **Analysis of 2023 data and prospects for 2025 run**

**Session Classification:** MUonE

Contribution ID: 13

Type: **not specified**

## **Sensors beyond 2025 I**

*Wednesday, 13 November 2024 16:30 (30 minutes)*

**Session Classification:** MUonE

Contribution ID: **14**

Type: **not specified**

## **Sensors beyond 2025 - II**

*Wednesday, 13 November 2024 17:00 (30 minutes)*

**Session Classification:** MUonE

Contribution ID: 15

Type: **not specified**

## **Sensors beyond 2025 - III**

*Wednesday, 13 November 2024 17:30 (30 minutes)*

**Session Classification:** MUonE



Contribution ID: **16**

Type: **not specified**

## Status of e+e- data

**Session Classification:** HVP

Contribution ID: 17

Type: **not specified**

## Status of e+e- data

*Thursday, 14 November 2024 09:00 (40 minutes)*

**Session Classification:** HVP

Contribution ID: **18**

Type: **not specified**

## **Towards NNLO MC for ISR process**

*Thursday, 14 November 2024 10:20 (30 minutes)*

**Session Classification:** HVP

Contribution ID: **19**

Type: **not specified**

## **Status of MEG-II and future plans**

*Thursday, 14 November 2024 11:30 (40 minutes)*

**Session Classification:** LFV/EDM

Contribution ID: 20

Type: **not specified**

## **Status and future plans of the Mu3e experiment.**

*Thursday, 14 November 2024 12:10 (40 minutes)*

**Session Classification:** LFV/EDM

Contribution ID: **21**

Type: **not specified**

## **Status and future plans of the Mu2e experiment**

*Thursday, 14 November 2024 14:30 (40 minutes)*

**Session Classification:** LFV/EDM

Contribution ID: 22

Type: **not specified**

## Theory review of Lepton Flavour Violation

*Thursday, 14 November 2024 15:10 (40 minutes)*

**Session Classification:** LFV/EDM

Contribution ID: 23

Type: **not specified**

## **Status of muon EDM measurement at the Muon g-2 experiment in Fermilab**

*Thursday, 14 November 2024 16:30 (40 minutes)*

**Session Classification:** LFV/EDM



Contribution ID: 24

Type: **not specified**

## Status of the muon EDM experiment at PSI

*Thursday, 14 November 2024 17:10 (40 minutes)*

**Session Classification:** LFV/EDM

Contribution ID: 25

Type: **not specified**

## Conclusion additional buffer

*Thursday, 14 November 2024 17:50 (10 minutes)*

**Session Classification:** LFV/EDM

Contribution ID: 26

Type: **not specified**

## **Status and prospects on electron muon/edm dipole moments**

*Tuesday, 12 November 2024 16:10 (40 minutes)*

**Session Classification:** General

Contribution ID: 27

Type: **not specified**

## Status of HVP dispersive

*Wednesday, 13 November 2024 11:40 (40 minutes)*

**Session Classification:** MUonE

Contribution ID: **28**

Type: **not specified**

## Status of MUonE Theory

*Wednesday, 13 November 2024 14:30 (40 minutes)*

**Session Classification:** MUonE

Contribution ID: 29

Type: **not specified**

## **Analysis of 2023 data and prospects for 2025 run**

*Wednesday, 13 November 2024 15:10 (40 minutes)*

**Session Classification:** MUonE

Contribution ID: **30**

Type: **not specified**

## **Status of RC & MC tools for e+e- data**

*Thursday, 14 November 2024 09:40 (40 minutes)*

**Session Classification:** HVP