Contribution ID: 38 Type: Poster

## Measurement of the muon electric dipole moment at the Fermilab g-2 experiment

Monday 7 April 2025 19:40 (20 minutes)

A summary of the analysis of the measurement of the electric dipole moment of the muon at the fermilab g-2 experiment, which was done using 25% of the total dataset. The sensitivity of the future measurement, using the full statistics, and an optimal weighting method, will be shown.

Author: FERRABY, Katherine (University of Liverpool (GB))

Presenter: FERRABY, Katherine (University of Liverpool (GB))

Session Classification: Poster session

Track Classification: Precision and Anomalies