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Graduate research in high energy physics for the Muon g-2 experiment

Sunday, January 22, 2023 9:50 AM (20 minutes)

As a graduate student there are opportunities to contribute to research in a variety of ways. To provide the necessary context for the research completed, the Muon g-2 experiment is briefly discussed, including the background of the measurement, the aims of Muon g-2 and the function of the straw trackers. Examples of the research activities undertaken during the first year of a PhD are presented, ranging from data analysis for the tracking algorithm and measurement of the electric dipole moment, to experiment shifts and field measurements.

Presenter: BAILEY, Lucy (UCL)

Session Classification: Plenary talk