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First Results from the Muon g-2 Experiment at Fermilab's Muon Campus

Wednesday 8 June 2022 09:30 (45 minutes)

The much anticipated initial results from the Muon g-2 experiment at Fermilab's Muon Campus were released last year. The new determination of the muon's anomalous magnetic moment is in good agreement with the intriguing value obtained at Brookhaven National Laboratory 20 years ago. The Muon Campus at Fermilab is a new accelerator facility capable of delivering the intense beams of muons required for the Muon g-2 and Mu2e experiments. This talk will discuss the Muon Campus physics program with an emphasis on the recent Muon g-2 results.

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