

The Anomalous Magnetic Moment of the Muon (Block 2)

Friday, 26 June 2020 12:00 (1h 15m)

What is a muon?

Who ordered that?

What is a magnetic moment?

What is anomalous about the magnetic moment of the muon?

Most of the time, a muon is simply a muon, but very briefly, some of the time, by Quantum Mechanics, the muon is a muon, plus an electron, plus an anti-electron, for example.

How can the vacuum know about all of the standard model, and all of the new physics beyond the standard model?

You will know the answer to all these interesting questions after just one hour!

Recording is available at <https://bluejeans.com/s/1oAGB/>

Presenter: MORSE, Bill (BNL)