

The Anomalous Magnetic Moment of the Muon and the Standard Model of Particle Physics

Tuesday, 11 June 2019 12:30 (1h 15m)

At the end of this lecture, you will know:

What is anomalous about the magnetic moment of the muon?

What is the magnetic moment of the muon ?

What is the muon ?

Why Bohr said “Anyone who thinks they understand Quantum Mechanics, and is not deeply disturbed by it, doesn’t understand Quantum Mechanics.”

What the Standard Model Theorists have to fear from the anomalous magnetic moment of the muon.

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