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The Case for a Future Muon Collider¹

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In this talk I'll outline an aspirational theory case for the physics potential of a high-energy muon collider, emphasizing the unique advantages provided by energetic muon beams. I'll highlight the opportunities for a muon collider to probe a range of beyond-the-Standard Model phenomena including dark matter, naturalness, and the origins of electroweak symmetry breaking, focusing on the energy and luminosity goals that would position such a collider as a natural successor to the LHC and proposed electron-positron Higgs factories.

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