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## The muon $g-2$ at a high-energy muon collider: simplified models analysis

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The long-standing tension between the Standard Model prediction and the measured value of the muon anomalous magnetic moment can be addressed by new physics in the TeV range. Simplified models provide a way of understanding concretely how the discrepancy is tackled, and make it possible to predict other observables correlated with the muon  $g-2$ . In this talk I will explore the predictions which are testable at a future high-energy muon collider, identifying some crucial processes which are unique signatures of these models.

### In-person participation

Yes

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