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The Muon Collider

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A muon collider has a unique potential to achieve high-energy, high-luminosity lepton collisions that can provide discovery reach and precision measurements at the same time. Therefore the recent Update of the European Strategy for Particle Physics demands to form an international collaboration to study the potential of a muon collider. This collaboration is now forming. Furthermore, the ongoing Snowmass process points to a rapidly growing interest in a muon collider within the US particle physics community. The design is based on the results of the past Muon Accelerator Programme in the US and focuses on a 3 TeV and a 10+ TeV collider option. We will introduce the muon collider concept and challenges as well as the forming collaboration and its plans.

[1]for the forming muon collider collaboration