

## **Muon Collider Study Status**

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A novel muon collider has a unique potential to provide high-energy lepton collisions at high luminosity and combines the advantages of proton and electron colliders. The International Muon Collider Collaboration (IMCC) is designing such a facility and addressing the challenges. The presentation will summarise the status of the design and the R&D progress. To make the collider a reality an ambitious R&D needs to be carried out that has important synergies with other fields of society ranging from medical applications to fusion reactors.