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Status of the Baseline Design for a 10 TeV Muon Collider

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A Muon Collider (MC) offers unique potential for reaching the 10 TeV center-of-mass energy regime. The most recent updates to both the European and US strategies for particle physics emphasize the importance of exploring this technology as a path to enable the next generation of energy frontier discoveries. Substantial updates to the baseline design concept have now been implemented by the International Muon Collider Collaboration. An overview of progress towards establishing the baseline design of the 10 TeV machine and delivering a full conceptual design report for this novel collider approach is presented.

Footnotes

Funding Agency

Primary author: SCHULTE, Daniel (European Organization for Nuclear Research)

Presenter: SCHULTE, Daniel (European Organization for Nuclear Research)

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