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Collider physics at the intensity and energy frontier – the HL-LHC and beyond

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The LHC results have set the stage for the discussion of future high-energy physics facilities. The Higgs boson discovery, with the need of precise measurements of its properties, and the current absence of experimental evidence of new physics open a discussion on the best ways to move forward. I will summarise recent sensitivity studies for the HL-LHC physics programme and compare it with the opportunities offered by possible future circular collider facilities. The discovery potential, through observation of new particles, new phenomena and precision measurements, will be highlighted.

Content of the contribution

Both

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