

BSM @ Future Colliders

Saturday, July 7, 2018 4:30 PM (15 minutes)

I will review the ongoing studies on BSM physics at Future Colliders. I will cover a broad range of new physics scenarios for several collider configurations, ranging from High Luminosity LHC, passing through a potential 27 TeV LHC upgrade, the High Energy LHC, and arriving to the FCC collider program, both in its ee and pp configurations. I will report advances from the recent and ongoing CERN Workshops that led to the completion of a Yellow FCC report and will lead, by the end of the year, to a new Yellow report on the physics of HL/HE LHC. These programs are crucial to deliver a coherent input for the next European Strategy, determining the future of European collider physics.

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