

Contribution ID: 83

Type: Oral presention (by invitation only)

FCC-hh collimation

Wednesday 1 June 2022 09:25 (20 minutes)

The FCC-hh will feature both an unprecedented stored proton beam energy of about 8.3 GJ, more than an order of magnitude higher than the HL-LHC, as well as superconducting magnets. This puts extreme demands on the collimation system that should safely intercept any beam losses, since even a tiny fraction of the beam carries enough energy to quench the magnets or even cause damage. This talk shows the status of the studies for the FCC-hh collimation system, with focus on updates since the last FCC week, as well as an outline of future studies.

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Session Classification: FCC-hh accelerator

Track Classification: FCC-hh accelerator