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Requirements on FCC-ee from the physics programme

Monday 28 June 2021 11:00 (30 minutes)

Physics motivation is provided for the choice of energy points, and the target integrated luminosities at each, for FCC-ee operation. The possible benefits of four interaction points, rather than two, are assessed. The requirements on the knowledge of the collision energy are presented, together with the implications for the accelerator. Also discussed are the implications that would arise if a campaign were to be launched to study s-channel Higgs production. Issues related to the acceptance of the detectors are addressed.

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