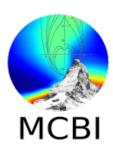
ICFA mini-Workshop on "Mitigation of Coherent Beam Instabilities in particle accelerators" MCBI 2019



Contribution ID: 83 Type: not specified

Identification and reduction of space-charge and beam-beam effects

Wednesday 25 September 2019 19:20 (25 minutes)

Space-charge and beam-beam interaction affect both incoherent and coherent motion of particles potentially leading to instabilities and deterioration of the beam parameters. An overview of these phenomena will be given with an emphasis on the observable spectral characteristics and the mitigation methods of their harmful effects.

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Session Classification: Session 5