

Interplay of the beam-beam effect and the lattice nonlinearity

Wednesday, 13 April 2016 09:10 (20 minutes)

In this talk, I will first give a brief overview of observed interplay of beam-beam effect and the lattice nonlinearity in collider rings, and then I will present our recent work on this subject for FCC-ee. Efforts for better understanding the behind mechanism and possible compensation schemes will be discussed.

Primary author: Prof. ZHOU, Demin (KEK)

Presenter: Prof. ZHOU, Demin (KEK)

Session Classification: FCC-ee Beam-Beam & Luminosity

Track Classification: Accelerators