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On possible injection scheme for FCC-ee

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Possible variant of the conventional injection scheme for 175 GeV/beam operation mode of FCC-ee collider is discussed. This operation mode is characterized by the largest horizontal emittance and the highest magnetic rigidity. The injection problem is complicated by the small dynamic aperture which is limited by the tight optics at the interaction points. The injection scheme proposed is aimed to solve the problem of the luminosity loss suppression.

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