

# CEPC injector-ring design

*Thursday, 14 April 2016 14:20 (15 minutes)*

In the CEPC program, a booster is needed to accelerate electrons from Linac to high energy of 120 GeV. A preliminary design of the booster has been given. After that, some new requirements have shown, mainly about the dynamic aperture of the booster. Efforts have been taken to improve this booster design to fulfill these requirements. Some new results are presented here.

**Primary author:** CUI, xiaohao

**Presenter:** CUI, xiaohao

**Session Classification:** FCC-ee Injector

**Track Classification:** Accelerators