

## Preliminary injector linac design

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MEPhI have the grate and successful experience in particle accelerators both for science and industry. We collaborate with leading accelerator centers as CERN, JINR, DESY, ANL, KEK and other in fields of electron and ion linac and they components development and construction including beam dynamics and instabilities study, RF components R&D, accelerating structures testing and commissioning. We can to propose the following items for FCC design: e-linac development and construction, beam dynamics simulation and optimization in rings, RF cavities, loads development including HOM and multipac studies. All these propositions will discuss in report.

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