



Contribution ID: 41

Type: not specified

PO05-The operation status of linac and multi-beamlines and beam tuning procedure for beam service

Tuesday, 12 September 2023 15:10 (20 minutes)

The Korea Multi-Purpose Accelerator Complex (KOMAC) started operating the 100 MeV proton linac in 2013. Currently, the linac is equipped with four proton irradiation beamlines and it provides 20 MeV and 100 MeV proton beams to a wide range of users. The annual accelerator operation can be divided into beam service running according to a user's request and the machine study run. For the stable operation of the accelerator, we regularly performed beam tuning to meet the specific user requirements. In addition, performance improvement plans are set up and anti-aging programs are prepared. This paper describes the operating status of the KOMAC proton accelerator along with the beam tuning procedure for the beam service.

Presenter: YOON, Sang-pil (KOMAC)

Session Classification: Poster / Demo Sessions