



Contribution ID: 203

Type: **Oral presentation (remote)**

Update of the CLIC positron source

Wednesday 10 July 2024 16:00 (20 minutes)

The CLIC positron source was simulated and optimised. A new baseline was proposed with a single amorphous tungsten target and a flux concentrator based matching device. Misalignments of the beamline are studied. Alternative scenarios with higher positron yields are also studied.

Apply for poster award

Primary author: Mr ZHAO, Yongke (CERN)

Co-authors: LATINA, Andrea (CERN); DOEBERT, Steffen (CERN)

Presenter: Mr ZHAO, Yongke (CERN)

Session Classification: Sources

Track Classification: Accelerator: Sources