



Contribution ID: 238

Type: **Oral presentation (by invitation only)**

Electron cloud studies for the FCC-ee

Thursday, 8 June 2023 14:30 (15 minutes)

We investigate the effects of the updated beam and machine parameters on the electron cloud instability for the FCC-ee arc dipole & drift regions by considering 'E-CLOUD' and 'Furman-Pivi' secondary emission yield models and realistic photoemission yield values.

Primary author: YAMAN, Fatih (Izmir Institute of Technology (IYTE))

Co-author: ZIMMERMANN, Frank (CERN)

Presenter: YAMAN, Fatih (Izmir Institute of Technology (IYTE))

Session Classification: FCC-ee accelerator (FCCIS WP2)

Track Classification: FCC-ee accelerator