



Contribution ID: 806 Contribution code: WEPL022

Type: **Poster Presentation**

Emittance reduction of the actual Booster for Elettra2.0

Wednesday, 10 May 2023 16:30 (2 hours)

A crucial common parameter for the new 4th generation machines is the reduced dynamic aperture at injection point.

Will be presented the analyzed strategies and what have already been done in order to reduce the emittance of the injected beam and guarantee a good injection efficiency.

Funding Agency

Footnotes

I have read and accept the Privacy Policy Statement

Yes

Primary author: Dr KRECIC, Stefano (Elettra-Sincrotrone Trieste S.C.p.A.)

Co-authors: CARNIEL, Alessandro (Elettra-Sincrotrone Trieste S.C.p.A.); TRIPALDI, Francesco (Elettra-Sincrotrone Trieste S.C.p.A.)

Presenter: Dr KRECIC, Stefano (Elettra-Sincrotrone Trieste S.C.p.A.)

Session Classification: Wednesday Poster Session

Track Classification: MC5: Beam Dynamics and EM Fields: MC5.D01: Beam Optics Lattices, Correction Schemes, Transport