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The effect of insertion devices on beam dynamics for Elettra 2.0

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

The effect of both existing and the planned insertion devices on linear optics, dynamic and momentum aperture was modeled using the kick map approach. Cross check for some IDs have been done with different tracking codes. Mitigation strategy for avoiding the crossing of a 4th order resonance line, excited by some of the IDs, is proposed.

Funding Agency

Footnotes

I have read and accept the Privacy Policy Statement

Yes

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

Co-authors: DIVIACCO, Bruno (Elettra-Sincrotrone Trieste S.C.p.A.); Dr KARANTZOULIS, Emanuel (Elettra-Sincrotrone Trieste S.C.p.A.); DASTAN, Sara (Elettra-Sincrotrone Trieste S.C.p.A.); DI MITRI, Simone (Elettra-Sincrotrone Trieste S.C.p.A.); Dr KRECIC, Stefano (Elettra-Sincrotrone Trieste S.C.p.A.)

Presenter: Dr MANUKYAN, Koryun (Elettra-Sincrotrone Trieste S.C.p.A.)

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