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Status and extended beam dynamics scenarios for the second injection beam line at MESA

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This report presents new investigations on beam dynamics for the separation beamline which allows to transport and compress electron bunches from the second electron source MIST to the first acceleration section of MESA. Several beamline configurations are compared concerning the capability for transport of elevated bunch charges.

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Footnotes

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Yes

Primary author: KALAMAİKO, Anatolii (Institut für Kernphysik)

Co-authors: AULENBACHER, Kurt (Institut für Kernphysik); DEHN, Monika (Institut für Kernphysik); FRIEDERICH, Simon (Johannes Gutenberg University Mainz)

Presenter: KALAMAİKO, Anatolii (Institut für Kernphysik)

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