

System Design for Deterministic Bunch to Bucket Transfer



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- SIS100, a new 100 Tm synchrotron will be completed in the coming years in the frame of the FAIR¹ project. Taking benefit from the specific timing system and the hardware topology at GSI², we expect to propose a new deterministic synchronization and transfer sequence between SIS100 and the existing SIS18.

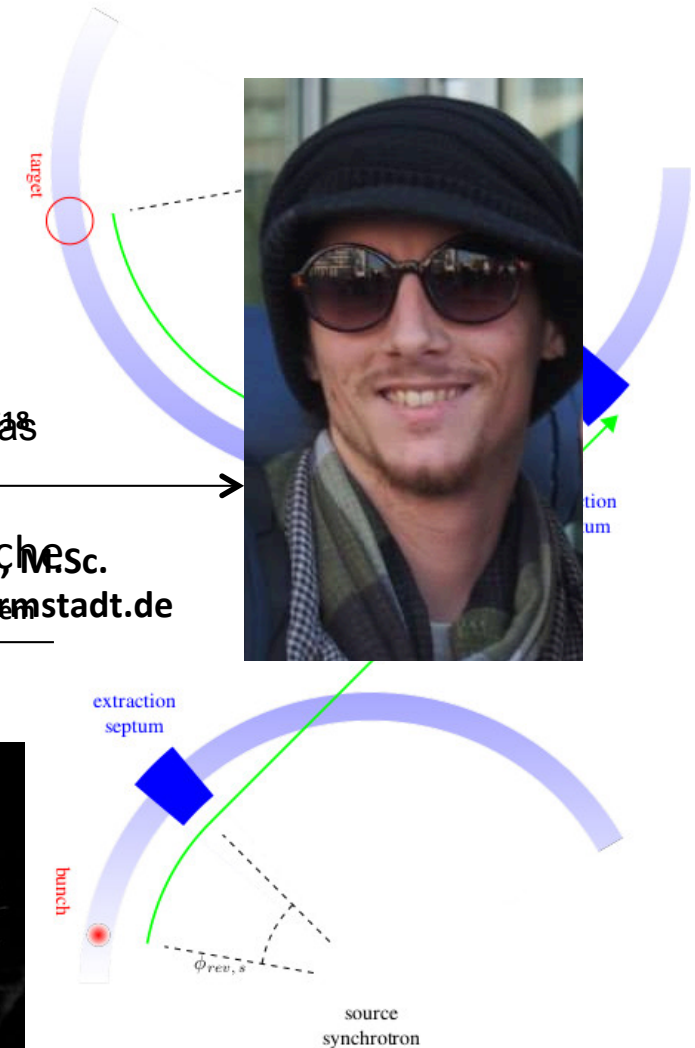


Ohne Musik wäre das Leben ein Irrtum

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An other type of synchronization system
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The external timing system
www.magnetics.com.br



1 - Facility for Antiproton and Ion Research
2 - GSI Helmholtzzentrum für Schwerionenforschung GmbH