

Beam Dynamics and Beam Characteristics of the HIE-ISOLDE Linac

Wednesday 8 December 2010 16:45 (20 minutes)

The upgrade of the REX-ISOLDE post-accelerator foreseen within the HIE-ISOLDE framework is presented along with a summary of the expected beam characteristics calculated using recent measurements at REX as input to end-to-end beam dynamics simulations of the linac.

Author: Mr FRASER, Matthew (University of Manchester, Cockcroft Institute and CERN)

Co-author: Mr PASINI, Matteo (Instituut voor Kern- en Stralingsfysica, K.U.Leuven and CERN)

Presenter: Mr FRASER, Matthew (University of Manchester, Cockcroft Institute and CERN)

Session Classification: HIE-ISOLDE Technical Session