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Proton-induced reactions on stored radioactive ions

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In the last years, a novel technique to study proton-induced reactions on post-decelerated ions has been established in the ESR heavy ion storage ring at GSI.

Very recently this technique has been employed to measure the proton capture cross section on radioactive ^{118}Te ions after in-flight production in the fragment separator FRS.

This contribution gives a summary of the recent developments and achievements as well as an outlook to the future of the experimental campaign.

Primary author: GLORIUS, Jan (GSI Helmholtz Center Darmstadt)

Presenter: GLORIUS, Jan (GSI Helmholtz Center Darmstadt)

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