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Wide dynamic range diagnostics system for primary and secondary beams at FRIB

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The FRIB diagnostics system covers an extensive range of primary and secondary beam intensities of 14 orders of magnitude and requires continuous improvements. The linac diagnostic system has provided straightforward linac commissioning and supports the development of many primary heavy ion beam species for producing rare isotopes. The diagnostics system for the secondary beam has a unique feature of detecting and measuring low-intensity rare isotope beams. This talk will report on the performance of the FRIB diagnostics system and ongoing improvements.

Footnotes

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Author: LIDIA, Steven (Facility for Rare Isotope Beams, Michigan State University)

Co-authors: LOKEY, Aubrey (Facility for Rare Isotope Beams, Michigan State University); CORTESI, Marco (Facility for Rare Isotope Beams, Michigan State University); DI CARLO, Salvatore (European Organization for Nuclear Research); COGAN, Scott (Facility for Rare Isotope Beams, Michigan State University); LARTER, Thomas (Facility for Rare Isotope Beams, Michigan State University); MCNANNEY, Douglas (Facility for Rare Isotope Beams, Michigan State University); NESTERENKO, Igor (Facility for Rare Isotope Beams, Michigan State University); RODRIGUEZ ESPARZA, Sergio (Facility for Rare Isotope Beams, Michigan State University); ZHAO, Shen (Facility for Rare Isotope Beams); SAINI, K. (Facility for Rare Isotope Beams); SMITH, M. (Facility for Rare Isotope Beams)

Presenter: LIDIA, Steven (Facility for Rare Isotope Beams, Michigan State University)

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