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Keynote talk 1: Recent highlights from direct reaction experiments with exotic beams

Monday 27 June 2022 09:20 (40 minutes)

Rare isotopes with their unexpected, hence exotic characteristics, have ushered a new era in nuclear science. This presentation will discuss recent direct reaction experiments that have unveiled new features in rare isotopes. Many of these isotopes play an important role in driving the heavy element synthesis in our universe. The reactions governing the nucleosynthesis are most often not directly accessible to measure in the laboratory. The presentation will show how direct reactions offer surrogate approach to constrain some of them. An outlook on future prospects will be discussed.

Topic

Presenter: KANUNGO, Rituparna (Saint Mary's University)

Session Classification: Opening Speakers