



Contribution ID: 0

Type: **invited talk**

Novel Methods for Studying Nucleosynthesis in the Lab

Wednesday, 23 May 2018 11:00 (30 minutes)

In the field of nuclear astrophysics, it pays to be creative. While direct measurements of astrophysically important reaction cross sections are still the ideal method for studying nucleosynthesis, often such direct measurements are not feasible with existing beam intensities and detection systems. Instead, key astrophysical levels can be populated through transfer reactions or beta decay, and their particle and gamma decays studied in lieu of measuring capture. This talk will highlight some unique ways of studying nucleosynthesis indirectly.

Primary author: Dr CHIPPS, Kelly (Oak Ridge National Laboratory)

Presenter: Dr CHIPPS, Kelly (Oak Ridge National Laboratory)

Session Classification: Session M2