



# Workshop for Applied Nuclear Data Activities (WANDA 2022)

## [FINAL]

### Tuesday, 1 March 2022

#### Session One: Reactions on Unstable Nuclei (07:30 - 11:30)

-Conveners: Greg Severin (MSU/NSCL); Hye Young Lee (LANL); John Despotopulos (LLNL); John Batchelder (UC Berkeley)

time	[id] title	presenter
07:30	[103] Overview on reactions on unstable nuclei for applications	RESSLER (LLNL), Jo
07:50	[104] First and direct measurements on Ni-56 and Ni-59 with fast neutrons at LANSCE	KUVIN (LANL), Sean
08:10	[105] Reaction studies on unstable nuclei at NIF for Stewardship Science	DESPOTOPULOS (LLNL), John
08:30	[106] Enabling direct reaction studies with very small, highly radioactive targets	DIGIOVINE (LANL), Brad
08:50	[107] Separation of unstable isotopes from irradiated targets in hot cells and their characterization	MOCKO (LANL), Veronika
09:05	Break	
09:20	[108] Overview on reactions on unstable nuclei for astrophysics at FRIB	SCHATZ (JINA/MSU), Hendrik
09:40	[109] Overview on theoretical effort for indirect reaction studies	ESCHER (LLNL), Jutta
10:00	[110] Beta-Oslo measurements for neutron capture reactions	LIDDICK (MSU), Sean
10:20	[111] Surrogate measurements for reactions on unstable nuclei	RATKIEWICZ (LLNL), Andrew
10:40	[112] Development of new capabilities for the measurement of (p,n) reactions with unstable nuclei at FRIB using ReA and SECAR	PERDIKAKIS (CMU/JINA), Georgios
10:55	[113] Reaction study using radioactive beams on neutron target, "measuring impossible reaction rates"	MOSBY (LANL), Shea
11:10	[114] Discussion to solicit community input on "Reactions on Unstable Nuclei"; New development/coordination in specific reactions, radioactive target R&Ds, optimized detectors,unstable nuclear data evaluation...;	SEVERIN (MSU), Greg LEE (LANL), Hye Young DESPOTOPULOS (LLNL), John BATCHELDER (UC BERKELEY, Jon