

# NSAC Town Hall Meeting, Argonne National Laboratory, November 14-16, 2022

## Agenda: Nuclear Structure and Reactions Experiment Working Group Sessions

### Working Group Session 3: 13:30 - 15:00 (1.5 hours)

Zoom Monitor: Nick Scielzo (LLNL)

Chair: Sean Liddick (FRIB)

Time	Speaker	Title	Duration
13:30	Robert Grzywacz (UTK)	Decay Spectroscopy	0:20
13:50	Calem Hoffman (ANL)	Direct Reactions	0:20
14:10	Mark Spieker (FSU)	In-Beam Spectroscopy	0:20
14:30	Ben Kay	Solenoidal Spectrometer Programs at ATLAS and FRIB	0:05
14:35	Steve Pain	Scope and needs of the ORRUBA/GODDESS program	0:05
14:40	Hiro Iwasaki	Opportunities with lifetime measurements - tracking structural evolution of exotic nuclei	0:05
14:45	Alexandra Gade	In-beam gamma-ray spectroscopy and direct reactions with fast beams of rare isotopes	0:05
14:50	Chloë Hebborn	Systematic measurements along isotopic chains to improve reaction theory	0:05
14:55	Benjamin Crider	E0 Searches through Decay Spectroscopy	0:05
15:00	Adjourn		

### Working Group Session 4: 15:20 - 17:20 (2 hours)

Zoom Monitor: Andrew Rogers (UMass Lowell)

Chair: Bob Charity (Washington University)

Time	Speaker	Title	Duration
15:20	Jacklyn Gates (LBNL)	Heavy Elements	0:15
15:35	Kyle Brown (FRIB)	Equation of State	0:15
15:50	Kei Minamisono (FRIB)	Precision Measurements	0:15
16:05	Nathan Frank (Augustana)	Unbound Systems	0:15
16:20	Vandana Tripathi	Detailed gamma-ray spectroscopy studies at John D. Fox Lab, FSU	0:05
16:25	Oleg Tarasov	Search for the drip lines	0:05
16:30	Brad Sherrill	Production of Drip Line Isotopes with FRIB400	0:05
16:35	Daniel Phillips	Neutron halo opportunities	0:05
16:40	Thomas Redpath	The MoNA Collaboration in the FRIB era	0:05
16:45	Calem R. Hoffman	Spectroscopy of near and beyond threshold states	0:05
16:50	Jiangyong Jia	Imaging the nuclear structure using high-energy heavy ion collisions	0:05
16:55	Alfredo Estrade	TOF-Brho mass measurements at FRIB	0:05
17:00	Dariusz Seweryniak	Spectroscopy of heavy nuclei with AGFA	0:05
17:05	Pawel Danielewicz	Triple-Differential Yields in Heavy-Ion Collisions	0:05
17:10	Peter Mueller	Laser Spectroscopy and Nuclear Structure at ATLAS	0:05
17:15	Robert Charity	Invariant-mass studies of light proton-rich nuclides	0:05
17:20	Adjourn		

### Working Group Session 5: 17:30 - 18:30 (2 hours)

Zoom Monitor: Mike Carpenter (ANL)

Chair: Kate Jones (UTK)

Time	Speaker	Title	Duration
17:30	Augusto Macchiavelli	Pairing in neutron rich nuclei: An Active Target Tritium TPC	0:05
17:35	Ron Malone	Fission in Direct and Inverse Kinematics	0:05
17:40	--	Open Discussion	0:20
18:00	Adjourn		