



# 14th International Conference on Nucleus-Nucleus Collisions (NN2024)

## Monday, 19 August 2024

### Nuclear Structure I: NS 1 - Ballroom B (14:40 - 16:10)

-Conveners: Gordon Ball

time	[id] title	presenter
14:40	[300] (Zoom) Observation of a Correlated Free Four-Neutron System	PANIN, Valerii
15:05	[112] Search for Beta-Delayed Protons in the Decay of $^{11}\text{Be}$	PFUTZNER, Marek
15:20	[199] Search for the Gamma Decay of the Narrow Near-Threshold Proton Resonance in $^{11}\text{B}$	BOTTONI, Simone

### Nuclear Structure I: NS 2 - Ballroom B (16:40 - 18:10)

-Conveners: Sofia Quaglioni

time	[id] title	presenter
16:40	[353] Dipole Excitations in Nuclei	Dr TSONEVA, Nadia
17:05	[122] B(E2) Measurements in $^{28}\text{Mg}$ : Implications on the $N=20$ Island of Inversion	MARTIN, Matthew
17:20	[131] Higher-Lying Level Structure of $^{25}\text{Ne}$ Probed via Fusion Evaporation	LONGFELLOW, Brenden
17:35	[1] Lifetime Measurement of the $0^+_{-3}$ State in $^{120}\text{Sn}$	WU, Frank (Tongan)

# Tuesday, 20 August 2024

## Nuclear Structure I: NS 3 - Garibaldi A (14:40 - 16:10)

-Conveners: Paul Garret

time	[id] title	presenter
14:40	[302] Neutron Dripline Search for Fluorine, Neon and Sodium and Discovery of $^{39}\text{Na}$ at RIKEN RIBF	KUBO, Toshiyuki
15:05	[81] Exploring the Mysteries of $^{32}\text{Mg}$ via Precision In-Beam Gamma-Ray Spectroscopy	KITAMURA, Noritaka
15:20	[5] Cross-Shell Excited States in $^{32}\text{Si}$ and $^{29}\text{Al}$ Populated Using Fusion-Evaporation	WILLIAMS, Jonathan
15:35	[176] Structure within the $N=40$ Island of Inversion	CRAWFORD, Heather
15:50	[205] Exploring Nuclear Structures with Fast Neutrons at NFS	SENGAR, Hemantika

# Wednesday, 21 August 2024

## Nuclear Structure I: NS 5 - Garibaldi A (08:30 - 10:30)

-Conveners: Jack Henderson

time	[id] title	presenter
08:30	[307] Recent Highlights on In-Beam Gamma Spectroscopy at RIBF and Future Perspectives	DOORNENBAL, Pieter
08:55	[124] Approaching 100Sn: Shell Evolution in 98,100Cd via Lifetime Measurements	MENGONI, Daniele
09:10	[27] Fine Structure of the Isoscalar Giant Monopole Resonance in 58Ni, 90Zr, 120Sn and 208Pb	BAHINI, Armand
09:25	[13] Collectivity, Shape Coexistence and Isomerism in Lanthanide Nuclei Close to the Proton Drip Line	PETRACHE, Costel
09:40	[188] First Measurements of the Quadrupole Moment of the 2+ State and B(E2) Value of the 4+ State in 110Sn from Coulomb Excitation	PARK, Joochun (Jason)

# Thursday, 22 August 2024

## Nuclear Structure I: NS 6 - Harmony A (14:40 - 16:10)

-Conveners: Silvia M. Lenzi

time	[id] title	presenter
14:40	[263] (Zoom) Evolution of Shapes and Collectivity in the $^{78}\text{Ni}$ Mass Region	SAHIN, Eda
15:05	[18] New Results on the Nuclear Two-Photon Decay	KORTEN, Wolfram
15:30	[19] Probing Nuclear Structure and Dynamics via Near-Barrier Reactions	GODBNEY, Kyle
15:45	[181] Octupole Correlations in Neutron-Deficient Xenon Isotopes	PÉREZ VIDAL, Rosa María

## Nuclear Structure I: NS 7 - Harmony A (16:40 - 18:10)

-Conveners: Steven Pain

time	[id] title	presenter
16:40	[298] Structure of $^{13}\text{Be}$ Studied Through the $^{12}\text{Be}(d,p)^{13}\text{Be}$ Reaction	GRZYWACZ, Kate
17:05	[272] Study of Shell Gaps in Neutron-Rich Carbon Isotopes : Spectroscopy of $^{15}\text{C}$ and $^{17}\text{C}$	FERNANDEZ DOMINGUEZ, Beatriz
17:30	[57] Probing $^{11}\text{Be}$ Structure with Transfer Reactions in the AT-TPC	SERIKOW, Michael

# Friday, 23 August 2024

## Nuclear Structure I: NS 8 - Harmony A (13:30 - 15:00)

-Conveners: Wolfram KORTEN

time	[id] title	presenter
13:30	[330] Symmetry and Collectivity of Mirror Nuclei	WIMMER, Kathrin
13:55	[75] Probing the Wave-Functions through Mirror Energy Differences between $^{43}\text{Ti}$ and $^{43}\text{Sc}$	REZYNKINA, Kseniia
14:10	[192] (Zoom) Exotic Nuclear Superfluidity in Heavy Nuclei	PALKANOGLU, Georgios
14:25	[25] Imaging the Collective Structure of Atomic Nuclei in High-Energy Nuclear Collisions from STAR	Dr ZHANG, Chunjian