

Name	Abstract Title	Affiliation	Location
Auranen, Kalle	Systematic studies of non-Yrast isomeric intruder $1/2^+$ states in odd-mass nuclei $^{197-203}\text{At}$	ANL/University of Jyväskylä	S3-1
Forney, Anne Marie	Structure and shape coexistence of ^{73}Zn	University of Maryland	S3-2
Harker, Jessica	The level structure of ^{72}Zn : triaxiality and shape coexistence	University of Maryland	S3-3
Olaizola, Bruno	Deformed Structures and Shape Coexistence in ^{98}Zr	University of Guelph	S3-4
Peters, Erin	Revealing the structure of ^{106}Pd	University of Kentucky	S3-5
Bidaman, Harris	A Study on Low Spin States in ^{154}Gd Using (p,p') Reaction	University of Guelph	S3-6
Dreyfuss, Alison	Probing alpha-clustering in intermediate-mass nuclei	Louisiana State University	S3-7
Jigmeddorj, Badamsambuu	High-statistics β^+ /EC decay study of ^{122}Xe	University of Guelph	S3-8
Leshner, Shelly	Collectivity in Gadolinium	University of Wisconsin - La Crosse	S3-9
Matta, James	Observation of Transverse Wobbling in ^{135}Pr	Oak Ridge National Laboratory	S3-10
Mukhopadhyay, Sharmistha	Nuclear structure of ^{76}Ge from inelastic neutron scattering measurements and shell model calculations	University of Kentucky	S3-11
Saxena, Mansi	Study of static quadrupole moments in ^{120}Te isotope	University of Delhi	S3-12
Baron, Jonathan	Ultra-High Spin and Band-Terminating Structures in ^{157}Ho	Florida State University	S3-13
Chester, Aaron	Doppler shift lifetime measurements in ^{94}Sr using the TIGRESS Integrated Plunger	Simon Fraser University	S3-14
Lubna, Rebeka Sultana	Structure of $T_z=+3/2$, ^{33}P Nucleus	Florida State University	S3-15
Villafana, Kalisa	Rotational Behavior in $^{179,180}\text{W}$	Florida State University	S3-16
Wang, Enhong	Reinvestigation of octupole correlations in $^{146,147}\text{La}$	Vanderbilt University	S3-17
Williams, Jonathan	Study of ^{22}Ne and ^{28}Mg excited states using fusion-evaporation and Doppler shift measurements	Simon Fraser University	S3-18
Vostinar, Marija	Spectroscopy of $^{257,258}\text{Db}$ in the vicinity of the N=152 deformed shell gap	University of Tennessee, Knoxville	S3-19
Abromeit, Brittany	Study of Nuclear Structure of ^{39}P Using Beta-Delayed Gamma Spectroscopy	Florida State University	S3-20
Dunlop, Ryan	First Results from GRIFFIN: Half-Lives of Neutron Rich $^{128-130}\text{Cd}$	University of Guelph	S3-21
Larson, Nicole	Reinvestigation of low-lying isomeric states in ^{115}Ru	NSCL/Michigan State University	S3-22
Pore, Jennifer	A High-Statistics Measurement of the Beta Decay of ^{46}K with the GRIFFIN Spectrometer	Simon Fraser University	S3-23
Rajabali, Mustafa	The β decay of $^{34,35}\text{Mg}$ and the structure of ^{34}Al	Tennessee Technological University	S3-24

Silwal, Umesh	Correcting the database: the case for ^{74}Ga β -decay	Mississippi State University	S3-25
Taylor, Steven	Beta-Delayed Neutron Spectroscopy of Statistical and Shell-Model Nuclei Using VANDLE	University of Tennessee	S3-26
Wilson, Gemma	Beta-delayed neutron emission studies with a C ⁷ LYC array at CARIBU	University of Massachusetts Lowell	S3-27
Wolinska-Cichocka, Marzena	β -decay Studies of Decay Chain $^{142}\text{Cs} \rightarrow ^{142}\text{Ba} \rightarrow ^{142}\text{La}$ with Modular Total Absorption Spectrometer	Heavy Ion Laboratory University of Warsaw	S3-28
Zidar, Tammy	Investigation of the nuclear structure of ^{33}Al through β -decay of ^{33}Mg to probe the island of inversion	University of Guelph	S3-29
Negrea, Daniel	Proton–neutron pairing in N=Z nuclei: Quartetting versus pair condensation	National Institute of Physics and Nuclear Engineering	S3-30
Xiao, Yongchi	Search for the heaviest N~Z alpha emitters	University of Tennessee, Knoxville	S3-31
Izosimov, Igor	Gamma-decay in Light Nuclei. Isospin, Borromean Halo, Tango Halo, and Halo- Isomers.	Joint Institute for Nuclear Research	S1-1
Izosimov, Igor	Fine structure of the β -decay strength functions $S_{\beta}(E)$ in spherical, deformed, and transition nuclei	Joint Institute for Nuclear Research	S1-2
Jones, Michael	Two-neutron sequential decay of ^{24}O	Lawrence Berkeley National Laboratory	S1-3
Kuvin, Sean	Precise Tests of Ab-initio Calculations of Light Nuclei and Charge Symmetry Breaking in $A=10$ ^{10}B	University of Connecticut	S1-4
Mehl, Craig	Determining the shape of the clustering nucleus ^{20}Ne	The University of the Western Cape	S1-5
Morse, Christopher	New measurement of the first 2^+_{1st} state lifetime of ^{12}Be	University of Massachusetts Lowell	S1-6
Richard, Andrea	Spectroscopy of Neutron-rich Mg Isotopes in and around the Island of Inversion	Ohio University	S1-7
Tripathi, Vandana	Shell evolution in neutron rich Phosphorus isotopes	Florida State University	S1-22
Garand, David	Proposed optical pumping schemes for the determination of charge radii of radioactive nuclides of transition metals	NSCL/Michigan State University	S1-9
Go, Shintaro	Segmented scintillator based implantation detectors for decay studies	University of Tennessee, Knoxville	S1-10
Schmitt, Kyle	Neutron dEctor with Tracking (NEXT)	University of Tennessee, Knoxville	S1-11
Smith, Karl	First Data with the Hybrid Array of Gamma Ray Detectors (HAGRID)	University of Tennessee, Knoxville	S1-12
Thompson, Paul	Next Generation Nuclear Structure Studies Using JENSA	University of Tennessee, Knoxville	S1-13
Turko, Joseph	Simulating the DESCANT Neutron Detection Array with the Geant4 Toolkit	University of Guelph	S1-14

Wright, Jonathan	The Effects of Pulse Shape Analysis on Single Element Compton Imaging using a Double Sided Germanium Strip Detector	University of Liverpool	S1-15
Galindo-Uribarri, Alfredo	Search for Doubly Charge Negative Atomic Ions using Accelerator Mass Spectrometry	Oak Ridge National Laboratory	S1-16
Toomey, Rebecca	A neutron spectroscopic approach to measuring low cross section (α,n) reactions.	Rutgers University	S1-17
Walter, David	Spectroscopic Factors near the r-process path using Combined Measurements	Rutgers University	S1-18
Agbemava, Sylvester	A global analysis of octupole deformation in the ground states of even-even nuclei within the covariant density functional theory.	Mississippi State University	S1-19
Odell, Daniel	Infrared Extrapolations of Quadrupole Moments and Transitions	University of Tennessee, Knoxville	S1-20
Tracy Jr, James	A Binding Energy Study of the Atomic Mass Evaluation 2012	Mississippi State University	S1-21
Crider, Benjamin	Shape coexistence from lifetime and branching-ratio measurements in $^{68,70}\text{Ni}$	NSCL / Michigan State University	S1-23
Walters, William B	New structures for ^{68}Zn : subshell effects at $N = 38$ and superdeformation	University of Maryland	-
Allmond, Mitch	Moments of Inertia of Axially Asymmetric Nuclei	Oak Ridge National Laboratory	-
Stolze, Sanna	Collectivity and single-particle structures in $^{166,168}\text{Os}$	University of Jyväskylä	S2-1
Sethi, Jasmine	Structure and shape evolution in ^{75}Ge	University of Maryland	S2-2
Bucher, Brian	First direct observation of enhanced octupole collectivity in $^{144,146}\text{Ba}$	Lawrence Livermore National Laboratory	S2-3
Baker, Robert	Ab initio symmetry-adapted no-core shell model results for light to medium-mass nuclei	Louisiana State University	S2-4
Nevo Dinur, Nir	Nuclear structure and the proton radius puzzle	TRIUMF	S2-5
Cizewski, Jolie	Fragmentation of Single-Neutron States in Neutron-Rich Tin Isotopes	Los Alamos National Laboratory	-
de Groote, Ruben	High-resolution laser spectroscopy of neutron-rich copper isotopes $^{76,77,78}\text{Cu}$ with CRIS	Katholieke Universiteit Leuven	-
Grzywacz, Robert	Gamow-Teller decays of ^{74}Co ground state and isomer	University of Tennessee, Knoxville	S2-7
Goetz, Callie	Total absorption spectroscopy of $^{84,85,86}\text{Br}$	University of Tennessee, Knoxville/CIRE	S2-8
Hartley, Daryl	New Beta Decay Studies of Deformed, Neutron-Rich Nuclei in the $A \sim 160$ Region	United States Naval Academy	-
Ahn, Tan	Search for cluster structure in ^{14}O using resonant α -scattering	University of Notre Dame	S2-9

Ong, Hooi Jin	Understanding effect of tensor interactions in light nuclei via high-momentum one-neutron-transfer reaction	RCNP, Osaka University	S2-10
Tabor, Samuel	Using GRETINA as a Compton Polarimeter	Florida State University	-
Pickstone, Simon Glynn	The γ -decay behaviour of the Pygmy Dipole Resonance in $^{92,94}\text{Mo}$	University of Cologne	S2-12
Brewer, Nathan	Characterization of detectors and activities found at the Dubna Gas Filled Separator.	ORNL/UTK/JINPA	S2-13
Chowdhury, Partha	Fast Neutron Spectroscopy with a Novel C7LYC Scintillator Array	University of Massachusetts Lowell	S2-14
Demand, Greg	A transition centric approach to level scheme determination	University of Guelph	S2-15
MacLean, Andrew	Gamma-Gamma Angular Correlation Measurements With GRIFFIN	University of Guelph	S2-16
Mazzocchi, Chiara	Exotic decay modes studied by means of the Warsaw Optical Time Projection Chamber	University of Warsaw	S2-17
Smallcombe, James	The Spectrometer for Internal Conversion Electrons at TRIUMF-ISAC	TRIUMF	-
Febbraro, Michael	Study of the $d(^7\text{Be},n)^8\text{B}$ reaction through neutron spectroscopy and $d(^7\text{Be},^7\text{Be})$ elastic scattering measurement	Oak Ridge National Laboratory	-
Tsoneva Larionova, Nadia	Energy-density functional plus multi-phonon theory as a powerful tool for nuclear structure and astrophysics	Frankfurt Institute for Advanced Studies	-
Miller, Andrew	Charge radii and nuclear moments of $^{52,53}\text{Fe}$, and the shell-closure signature at $N = 28$	NSCL/Michigan State University	S2-20
Morris, Titus	Recent Improvements in the In-Medium Similarity Renormalization Group	Oak Ridge National Laboratory	-
Mukhi, Kumar Raju	Reorientation-effect measurement of the first 2^+ state in ^{12}C : Testing ab initio and cluster calculations	University of the Western Cape	S2-22
Rasco, Charlie	β and β -n Decays of ^{137}Xe and ^{137}I Studied with the Modular Absorption Spectrometer (MTAS) and their Influence on Nuclear Reactor Decay	Oak Ridge National Laboratory	S2-23
Burcher, Sean	Gamma-ray Spectroscopy of $^{131}\text{Sn}_{81}$ via the $(^9\text{Be},^8\text{Be},\gamma)$ Reaction	University of Tennessee, Knoxville	S2-34