		SUNDAY, JULY 24
		HIWASSEE 1ST FLOOR
3:00 PM	7:00 PM	REGISTRATION
6:00 PM	9:00 PM	RECEPTION

MONDAY, JULY 25 — CHEROKEE BALLROOM

7:30 AM	8:30 AM	**Breakfast (Exhibitors/Open Research Discussions)**
M1		**Chair: David Dean**
8:30 AM	9:00 AM	**Laura Greene** *Opening Ceremony*
9:00 AM	9:30 AM	**Thomas Zacharia** **Mark Riley** *HRIBF Dedication*
9:30 AM	10:00 AM	**Krzysztof Rykaczewski** *Reactor Anti-neutrino Spectra and Decay Heat in Fission Fragments from Total Absorption Spectroscopy*
10:00 AM	10:30 AM	**Coffee Break**
M2		**Chair: Robert K. Grzywacz**
10:30 AM	11:00 AM	**Anna Hayes** *The Neutrino Anomalies*
11:00 AM	11:25 AM	**Andrei Andreyev** *Shape Coexistence and Charge Radii in Mercury Isotopes Studied by In-source Laser Spectroscopy at VADLIS/RILIS-ISOLDE*
11:25 AM	11:45 AM	**Akaa Daniel Ayangeakaa** *Shape Coexistence and the Role of Axial Asymmetry in Neutron-rich Ge isotopes*
11:45 AM	12:05 PM	**Andrea Gottardo** Shape Coexistence in the ^{78}Ni Region: Intruder 0^+_2 State in ^{80}Ge
12:05 PM	12:25 PM	**Peter Bender** *Exploring the Onset of Shape Coexistence using (d,p) with Exotic Sr Isotopes.*
12:25 PM	12:45 PM	**Augusto Macchiavelli** *The ^{30}Mg(t,p)^{32}Mg Puzzle Revisited*
12:45 PM	2:00 PM	**LUNCH (on your own)**
M3		**Chair: Carl Svensson**
2:00 PM	2:30 PM	**Alexander Obertelli** *In-beam Gamma Spectroscopy at the RIBF: Recent Results from Proton-induced Direct Reactions*
2:30 PM	2:50 PM	**Heather Crawford** *Characterizing Deformation in the Mg Isotopes: N=20 to N=28*
2:50 PM	3:10 PM	**Ingo Wiedenhoever** *Isomeric Character of the Lowest 4^+ State in ^{44}S*
3:10 PM	3:30 PM	**John Sharpey-Schafer** *On Low-lying $K^\pi=0^+$ and 2^+ Rotational Bands in Deformed Nuclei*
3:30 PM	4:00 PM	**Coffee Break**
4:00 PM	6:00 PM	**CHAIR Mini-Talks I - SAM TABOR** Crider, Benjamin Walters, William B Allmond, Mitch Stolze, Sanna Sethi, Jasmine Bucher, Brian Baker, Robert Nevo Dinur, Nir Cizewski, Jolie de Groote, Ruben Grzywacz, Robert Goetz, Callie Hartley, Daryl Ahn, Tan
		End of Talks
6:00 PM	8:00 PM	**Poster Session** **(Reception in Lieu of Dinner)** **SEQUOYAH CONFERENCE CENTERS**

TUESDAY, JULY 26 — CHEROKEE BALLROOM

7:30 AM	8:30 AM	**Breakfast (Exhibitors/Open Research Discussions)**
T1		**Chair: Jolie Cizewski**
8:30 AM	8:50 AM	**Thomas Papenbrock** *Effective Field Theory for Nuclear Vibrations with Quantified Uncertainties*
8:50 AM	9:10 AM	**Arianna Carbone** *Nuclear Matter from a Green's Function Approach*
9:10 AM	9:30 AM	**Daniel Lubos** *Spectroscopy around ^{100}Sn*
9:30 AM	9:50 AM	**Robert Wadsworth** *Isomer Decays in the N = Z Nucleus ^{96}Cd Populated via Fragmentation*
9:50 AM	10:10 AM	**Steven Pain** *The First Campaign of Direct Reaction Measurements using GODDESS*
10:10 AM	10:30 AM	**Coffee Break**
T2		**Chair: Anatoli Afanasjev**
10:30 AM	11:00 AM	**Heiko Hergert** *Novel Ab Initio Methods for Nuclei*
11:00 AM	11:20 AM	**Carlo Barbieri** *Advances in Self-Consistent Green's Function Calculations of Medium Mass Isotopes*
11:20 AM	11:40 AM	**Bruce Barrett** *Ab Initio Nuclear Shell Model for sd-shell Nuclei*
11:40 AM	12:00 PM	**Sven Binder** *Effective field theory in the harmonic oscillator basis*
12:00 PM	12:20 PM	**Elena Litvinova** *Pion-nucleon Correlations and their Impact on Nuclear Structure Observables*
12:20 PM	2:00 PM	**LUNCH (on your own)**
2:00 PM	3:45 PM	**CHAIR Mini-Talks II - INGO WIEDENHOVER** Ong, Hooi Jin Tabor, Samuel Pickstone, Simon Glynn Brewer, Nathan Chowdhury, Partha Demand, Greg MacLean, Andrew Mazzocchi, Chiara Smallcombe, James Febbraro, Michael Tsoneva Larionova, Nadia Miller, Andrew Morris, Titus Tanihata, Isao
		End of Talks
3:45 PM	4:00 PM	**PHOTO**
4:00 PM	6:00 PM	**Poster Session** **(Refreshments Served)** **SEQUOYAH CONFERENCE CENTERS**

WEDNESDAY, JULY 27 — CHEROKEE BALLROOM

7:30 AM	8:30 AM	**Breakfast (Exhibitors/Open Research Discussions)**
W1		**Chair: Gordon C. Ball**
8:30 AM	9:00 AM	**Jon Engel** *Beta Decay with Energy Density Functionals and the r Process*
9:00 AM	9:20 AM	**Maciej Konieczka** *DFT-rooted Calculations of Gamow-Teller Matrix Elements*
9:20 AM	9:40 AM	**Nobu Hinohara** *Binding Energy Differences of Even-even Nuclei as Pairing Indicators*
9:40 AM	10:00 AM	**Luis Robledo** *Octupole Correlations in a Full-symmetry Restoring Framework*
10:00 AM	10:20 AM	**Kenichi Yoshida** *Enhanced Collectivity of Gamma Vibration in Neutron-rich Dy Isotopes with N=108-110*
10:20 AM	10:50 AM	**Coffee Break**
W2		**Chair: David C. Radford**
10:50 AM	11:20 AM	**I-Yang Lee** *Gamma sphere and its Recent Science Highlights*
11:20 AM	11:40 AM	**Amel Korichi** *Characterization of Gamma--ray Tracking Arrays: Performance of the First Phase of AGATA and GRETA using a ^{60}Co Source*
11:40 AM	12:00 PM	**Francesco Recchia** *Neutron Single-particle Strengths in N = 40, 42 Nickel Isotopes*
12:00 PM	12:20 PM	**Walter Reviol** *Detailed Spectroscopy of ^{137}Xe and ^{139}Ba – role of the $\nu i_{13/2}$ Intruder in the Heavy Tin Region*
12:20 PM	12:40 PM	**Andrew Stuchbery** *g Factors and Nuclear Collectivity*
12:40 PM	2:00 PM	**LUNCH (on your own)**
W3		**Chair: Partha Chowdhury**
2:00 PM	2:20 PM	**Krzysztof Starosta** *Chiral Basis for Particle-rotor Model for Odd-odd Triaxial Nuclei*
2:20 PM	2:40 PM	**Alain Gillibert** *Spectroscopy of Neutron Rich Iron Isotopes Obtained from Proton Induced Direct Reactions*
2:40 PM	3:00 PM	**Christina Burbadge** *Investigating the Nature of Excited 0^+ States Populated via the ^{162}Er(p,t) Reaction*
3:00 PM	3:20 PM	**Lee Evitts** *Electric Monopole Transition Strengths in Stable Nickel Isotopes*
3:20 PM	3:40 PM	**Andrej Herzan** *Detailed Spectroscopy of the Neutron-Deficient Bismuth Isotopes Bi-193,195*
3:40 PM	4:10 PM	**Coffee Break**
W4		**Chair: John Simpson**
4:10 PM	4:40 PM	**Guy Savard** *Mass Measurements on very Neutron-rich isotopes with a new Penning Trap Phase detection Technique*
4:40 PM	5:00 PM	**Kei Minamisono** *Charge Radii of ^{36,37}K and Disappearance of Shell-closure Signature at N = 20*
5:00 PM	5:20 PM	**Gaute Hagen** *Coupled-cluster Computations of Atomic Nuclei*
5:20 PM	5:50 PM	**Ronald Garcia-Ruiz** *Laser Spectroscopy Studies on Neutron-rich Calcium Isotopes*
		End of Talks

THURSDAY, JULY 28 — CHEROKEE BALLROOM

7:30 AM	8:30 AM	**Breakfast (Exhibitors/Open Research Discussions)**
J1		**Chair: Adam Garnsworthy**
8:30 AM	9:00 AM	**Miguel Madurga** *Nuclear Structure of Ca and In isotopes from β-delayed neutron spectroscopy*
9:00 AM	9:20 AM	**Giovanna Benzoni** *Investigation of ^{70,72,74}Ni from Beta Decay of ^{70,72,74}Co*
9:20 AM	9:40 AM	**Michael Carpenter** *Gauging Octupole Collectivity in Neutron Rich Ce Nuclei*
9:40 AM	10:00 AM	**Michelle Dunlop** *High-Precision Half-Life Measurements for the Superallowed β^+ Emitter ^{10}C: Implications for Weak Scalar Currents*
10:00 AM	10:20 AM	**David Perez Loureiro** *β-delayed γ-decay of ^{26}P: Evidence for a Proton Halo?*
10:20 AM	10:45 AM	**Coffee Break**
J2		**Chair: Thomas Papenbrock**
10:45 AM	11:10 AM	**Manuela Cavallaro** *Signatures of the Giant Pairing Vibration in the ^{14}C and ^{15}C nuclei*
11:10 AM	11:30 AM	**Paul Stevenson** *Effective Interaction Effects in Nuclear Dynamics*
11:30 AM	11:50 AM	**Isao Tanihata** *Effect of Tensor Interaction and High-momentum Nucleons near the Ground States of Nuclei*
11:50 AM	12:10 PM	**Umesh Garg** *Are there Nuclear Structure Effects on the Isoscalar Giant Monopole Resonance and the Nuclear Incompressibility*
12:10 PM	12:30 PM	**Katsuhisa Nishio** *Study of Fission using Multi-nucleon Transfer Reactions*
12:30 PM	2:00 PM	**LUNCH (on your own)**
J3		**Chair: Lee Riedinger**
2:00 PM	2:30 PM	**Takaharu Otsuka** *Shape Coexistence, Shape Transition and Nuclear Forces*
2:30 PM	2:50 PM	**Alexandre Lepailleur** *Spectroscopy of ^{26}F and ^{28}Na to Probe Proton-neutron Forces Close to the Drip Line*
2:50 PM	3:10 PM	**Sunji Kim** *Unbound Excited States in ^{17}C*
3:10 PM	3:30 PM	**Anna Corsi** *Search for Dineutron Correlation in Borromean Halo Nuclei*
3:30 PM	4:00 PM	**Coffee Break**
J4		**Chair: Robert Wadsworth**
4:00 PM	4:30 PM	**Yuri Oganessian** *Superheavy Nuclei*
4:30 PM	4:50 PM	**Anatoli Afanasjev** *Structure of Superheavy Elements Reexamined*
4:50 PM	5:10 PM	**Michael Block** *Laser Spectroscopy on Nobelium Isotopes at GSI*
5:10 PM	5:30 PM	**Piet Van Duppen** *In-gas-jet Laser Spectroscopy of Neutron-deficient ^{214,215}Ac Isotopes and Prospects for Studies of the Actinide Region*
5:30 PM	5:50 PM	**Filip Kondev** *Nuclear Archaeology: Properties of K isomers in ^{244,246}Cm Populated in β^- decays of ^{244,246}Am*
		End of Talks
6:00 PM	9:30 PM	**Banquet (Jackson Terminal)**
7:15 PM	8:15 PM	**Dinner**
8:00 PM	8:45 PM	**Dinner speaker:** **Ray Smith** **Historian, Y-12**

FRIDAY, JULY 29 — CHEROKEE BALLROOM

7:30 AM	8:30 AM	**Breakfast (Exhibitors/Open Research Discussions)**
F1		**Chair: Kate Jones**
8:30 AM	8:55 AM	**Tibor Kibedi** *The Radiative Width of the Hoyle State from Pair Conversion and Proton-gamma-gamma Measurements*
8:55 AM	9:15 AM	**Moshe Gai** *The Triangular D_{3h} Symmetry of ^{12}C*
9:15 AM	9:35 AM	**Kelly Chipps** *The Curious Case of the Second 0^+: Resonances in ^{25}Al(p,γ)^{26}Si*
9:35 AM	9:55 AM	**Alexandrina Petrovici** *From Isospin-related Phenomena to Stellar Weak Processes within Beyond-mean-field Approach*
9:55 AM	10:15 AM	**Toshio Suzuki** *Electron-capture Rates at Stellar Environments and Nucleosynthesis*
10:15 AM	10:30 AM	**Coffee Break**
F2		**Chair: Alfredo Galindo-Uribarri**
10:30 AM	11:00 AM	**Rituparna Kanungo** *Exploring the Exotic Landscape with Direct Reactions*
11:00 AM	11:30 AM	**Mark Huyse** *The HIE-ISOLDE Facility: Post-accelerated Beams at ISOLDE*
11:30 AM	12:00 PM	**Remco Zegers** *Spin-isospin Excitations with rare Isotope Beams*
12:00 PM	12:15 PM	**Closing Remarks**
		End of NS2016
3:00 PM	8:00 PM	**Neutrino in Nuclear Physics Workshop**