

# NUCLEAR STRUCTURE 2014 (July 21-25, 2014)

Monday, July 21		Tuesday, July 22		Wednesday, July 23		Thursday, July 24		Friday, July 25		
7:00	Registration: Life Sciences West Atrium	7:00	Registration: Life Sciences West Atrium	7:30	Registration: Life Sciences West Atrium	7:30	Registration: Life Sciences West Atrium	7:00	Registration: Life Sciences West Atrium	
<b>M1</b>	<b>Chair: Petr Navratil</b>	<b>T1</b>	<b>Chair: Furong Xu</b>	<b>W1</b>	<b>Chair: Simon Mullins</b>	<b>J1</b>	<b>Chair: Fred Sarazin</b>	<b>F1</b>	<b>Chair: Helen Boston</b>	
8:45	Bagger Welcome	8:45	Gaffney <i>Nuclear structure goes pear-shaped</i>	8:45	Block <i>High precision mass measurements for ...</i>	8:45	Kibedi <i>Structure: Hoyle state via pair ...</i>	8:45	Palit <i>Nuclear structure studies with INGA</i>	
8:55	H. Crawford <i>Neutron knockout to probe 3N forces in ...</i>	9:15	Albers <i>Octupole strength in neutron-rich nuclei ...</i>	9:15	Lunney <i>Recent exploits with ISOLTRAP mass ...</i>	9:15	Kuchera <i>3n decay from <sup>19</sup>Be</i>	9:10	de Angelis <i>Gamma ray spectroscopy with AGATA ...</i>	
9:25	Holt <i>Nuclear forces and exotic oxygen and ...</i>	9:35	Smith <i>New perspectives: octupole collectivity ...</i>	9:35	Kwiatkowski <i>TITAN: mass measurements of ...</i>	9:35	Lister <i>Precise measurement of the first 2+ ...</i>	9:35	Macchiavelli <i>GRETINA: physics highlights, future plans</i>	
9:55	Papuga <i>Laser spect. of neutron-rich K &amp; Ca ...</i>	9:55	Kroell <i>Quadrupole collectivity in neutron-rich ...</i>	9:55	<b>Conference Photograph</b>		9:55	Tengblad <i>Nuclear structure of light halo nuclei ...</i>	10:00	Garnsworthy <i>GRIFFIN spectrometer at TRIUMF-ISAC</i>
10:15	Van Duppen <i>Structure of <sup>68</sup>Ni: new insights ...</i>	10:15	Allmond <i>Coulomb excitation of radioactive <sup>136</sup>Te</i>	10:05	<b>Coffee Break</b>		10:15	Wuosmaa <i>Aligned states in <sup>12,13</sup>B with the (d, g) ...</i>	10:20	Chester <i>TIGRESS integrated plunger device for ...</i>
10:35	<b>Coffee Break</b>	10:35	<b>Coffee Break</b>	10:35	<b>W2</b>	<b>Chair: Iris Dillmann</b>	10:35	<b>Coffee Break</b>	10:35	<b>Coffee Break</b>
<b>M2</b>	<b>Chair: Bruce Barrett</b>	<b>T2</b>	<b>Chair: Mike Carpenter</b>	10:35	Zhang <i>Precision mass measurements of ...</i>	<b>J2</b>	<b>Chair: Paul Garrett</b>	<b>F2</b>	<b>Chair: Reiner Kruecken</b>	
11:05	Gezerlis <i>Quantum MC with modern nuclear forces</i>	10:55	TBA	11:05	Grzywacz <i>Gamow-Teller decay of <sup>76</sup>Ni core ...</i>	11:05	Engel <i>Nuclear structure theory/double beta decay</i>	11:05	Bollen <i>Facility for rare isotope beams ...</i>	
11:35	Gottardo <i>Quadrupole collectivity in Ni isotopes ...</i>	11:15	Greenlees <i>Shell structure in heavy nuclei</i>	11:25	Yoshida <i>G-T excitations and <math>\beta</math>-decay properties ...</i>	11:35	Yates <i>Nuclear structure of <sup>130,132,134,136</sup>Xe ...</i>	11:30	Savard <i>Measurements on ... CARIBU</i>	
11:55	Miller <i>Direct lifetime measurements of ...</i>	11:45	Seweryniak <i>Study of isomeric states in <sup>254</sup>Rf ...</i>	11:45	<b>Walk to Gage for Excursion</b>		11:55	Laffoley <i>High-precision half-life measurements ...</i>	11:55	Merminga <i>The ARIEL facility</i>
12:15	Sahin <i>Beta-delayed gamma-ray spectroscopy...</i>	12:05	Kondev <i>Classification of K-forbidden ...</i>	12:30	Buses leave Gage		12:15	Ji <i>Nuclear polarization effects in ...</i>	12:20	Closing Remarks
12:35	<b>Lunch</b>	12:25	Chowdhury <i>Rotations built on the highest ...</i>	Lunch and Excursion  Grouse Mountain or Indian Arm Cruise		12:35	<b>Lunch</b>	12:35	<b>End of NS2014</b>	
<b>M3</b>	<b>Chair: Jon Batchelder</b>	<b>T3</b>	<b>Chair: Corina Andreoiu</b>			12:35	<b>J3</b>	<b>Chair: Patrick Regan</b>	14:00	<b>Start of Beta Delayed Workshop</b>
14:00	Doornenbal <i>Spectroscopy of exotic nuclei with EURICA</i>	14:00	Rudolph <i>Superheavy element studies ... TASCA</i>			14:00	Bentley <i>Spectroscopy: isobaric analogue states ...</i>			
14:30	Lorusso <i>Measurement of 20 new <math>\beta</math>-decay ...</i>	14:30	Gates <i>Decay spectroscopy of element 115...</i>			14:30	Wadsworth <i>Collectivity and shapes of N=Z nuclei ...</i>			
14:50	Baczyk <i>The <math>i_{13/2}</math> neutron single-particle energy ...</i>	14:50	Andreyev <i>Shape coexistence in gold, thallium and...</i>			14:50	Tabor <i>Split isobaric analog state in <sup>55</sup>Ni ...</i>			
15:10	Poves <i><sup>32</sup>Mg+<sup>32</sup>Mg=<sup>64</sup>Cr: A walk on neutron ...</i>	15:10	A. Voss <i>Evolution of ground state properties in ...</i>			15:10	David <i>Low-lying T = 0 states in the odd-odd ...</i>			
15:30	<b>Coffee Break</b>	15:30	<b>Coffee Break</b>			15:30	<b>Coffee Break</b>			
<b>M4</b>	<b>Chair: Sonia Bacca</b>	<b>T4</b>	<b>Chair: Elena Litvinova</b>			<b>J4</b>	<b>Chair: Wolfram Korten</b>			
16:00	Hagen <i>Coupled-cluster computations ...</i>	16:00	Quaglioni <i>Toward a fundamental understanding ...</i>			16:00	Sorlin <i>Spin orbit force and nuclear forces ...</i>			
16:30	Rodriguez <i>Shape transitions, shape mixing ...</i>	16:30	Wimmer <i>Single-particle structure of neutron-rich ...</i>			16:30	Barbieri <i>Ab-initio Green's function theory ...</i>			
16:50	Bender <i>Exploring onset of shape coexistence ...</i>	16:50	Petri <i>Low-lying structure of <sup>30</sup>Na and sd-pf ...</i>	16:50	Morfoauce <i>Decorrelated behaviour of spin-orbit ...</i>					
17:10	Nowak <i>Shape coexistence around N=28 ...</i>	17:10	Roth <i>Frontiers in ab initio nuclear ...</i>	17:10	Leoni <i>Systematic investigation of coupling ...</i>					
17:30	<b>End of talks</b>	17:30	Gargano <i>Shell structure beyond N = 82</i>	17:30	<b>End of talks</b>					
18:00	TRIUMF Tour	17:50	<b>End of talks</b>	17:00	Museum of Anthropology opens					
18:00		18:00	Poster Session	18:00	Reception					
21:00		20:30		19:00	Dinner at MOA					
				22:00						