

The 59th Winter Nuclear & Particle Physics Conference (WNPPC2022)

Tuesday, February 15, 2022

Nuclear Physics (8:24 AM - 9:12 AM)

-Conveners: Beatrice Franke

time	[id] title	presenter
8:24 AM	[2] Electromagnetic Transition Rate Studies in ^{28}Mg	MARTIN, Matthew
8:36 AM	[4] Direct Population and Lifetime Measurement of the 2^+_{1st} State in ^{40}Ca via an Alpha-transfer Reaction	WU, Frank (Tongan)
8:48 AM	[7] Mirror Symmetry in the $f_{1/2}$ Shell Below ^{56}Ni , Excited States and Electromagnetic Transition Rates in ^{55}Ni and ^{55}Co	SCHILBACH, Tyson
9:00 AM	[20] Absolute Nuclear Charge Radius Measurements with EUV Spectroscopy at TITAN EBIT	Ms WANG, Yilin

Thursday, February 17, 2022

Nuclear Physics: Fundamental symmetries and Nuclear Structure (1:00 PM - 2:24 PM)

-Conveners: Thomas Brunner

time	[id] title	presenter
1:00 PM	[74] Radioactive Molecules: Novel Probes for New Physics	MALBRUNOT-ETTENAUER, Stephan
1:24 PM	[46] One Step Closer to Atomic Parity Violation in Francium: First Observation of the Highly Forbidden Magnetic Dipole (M1) 7S – 8S Transition in Francium	Ms SHARMA, Anima
1:36 PM	[30] β -decay of ^{68}Mn : Probing the N=40 Island of Inversion	Ms UMASHANKAR, Rashmi
1:48 PM	[59] Investigating the Nuclear Shell Evolution in Neutron-Rich Calcium	COLEMAN, Robin
2:00 PM	[25] Gamma-ray Angular Correlation Measurements in ^{74}Zn : Further Hints of Shape Coexistence Towards the Doubly Magic ^{78}Ni	ROCCHINI, Marco