

14th International Spring Seminar on Nuclear Physics: "Cutting-edge developments in nuclear structure physics"

Monday, 19 May 2025

Afternoon Session 1 (14:50 - 16:20)

-Conveners: Didier Beaumel

time	[id] title	presenter
14:50	[88] Collectivity, shape coexistence and isomerism in lanthanide nuclei close to the proton drip line	PETRACHE, Costel
15:15	[89] Probing neutrinoless double-beta decay by nuclear observable	JOKINIEMI, Lotta
15:40	[90] The multi-shell connection between the fundamental structure models	CSEH, Jozsef
16:00	[91] Ordinary Muon Capture of sd-shell nuclei within the Realistic Shell Model	LYU, Songlin

Tuesday, 20 May 2025

Afternoon Session 1 (14:50 - 16:20)

-Conveners: Elena Litvinova

time	[id] title	presenter
14:50	[106] Energy Density Functionals for nuclei and astrophysical applications	COLO', Gianluca
15:15	[107] Exploring nuclear structure near 100Sn with neutron knockout reactions	GRAY, T. J.
15:40	[108] Structure and electric dipole response of open-shell nuclei from coupled-cluster theory	MARINO, Francesco
16:00	[109] Resonances in ^{10}He and the $6n$ system studied using SAMURAI	NASR, Omar

Thursday, 22 May 2025

Afternoon Session 1 (14:45 - 16:40)

-Conveners: Nicola Lo Iudice

time	[id] title	presenter
14:45	[134] Exploring nuclear structures beyond mean-field using radioactive isotope beams	SUZUKI, Daisuke
15:10	[135] Extended Random Phase Approximation (ERPA) with modern NN+NNN interactions	KNAPP, Frantisek
15:35	[136] A Quantum Annealing Protocol to Solve the Nuclear Shell Model	COSTA, Emanuele
15:55	[137] Ab initio effective operator with continuum	XU, Zhicheng
16:15	[138] CUPID	PAVAN, Maura