

13th International Spring Seminar on Nuclear Physics: "Perspectives and Challenges in Nuclear Structure after 70 Years of Shell Model", Sant'Angelo d'Ischia, May 15-20, 2022

Monday, 16 May 2022

Morning session 2 (11:15 - 13:00)

-Conveners: Jose' Javier Valiente Dobon

time	[id] title	presenter
11:15	[109] Direct measurement of the $^{13}\text{C}(\alpha, n)^{16}\text{O}$ reaction in the Gamow window of the s-process nucleosynthesis	FORMICOLA, Alba
11:50	[110] Studies of heavy pear-shaped nuclei at ISOLDE	BUTLER, Peter
12:25	[111] ^{33}Cl spectroscopic factors via the $^{32}\text{S}(^3\text{He}, d)^{33}\text{Cl}$ one-proton transfer reaction"	DELL'AQUILA, Daniele

Tuesday, 17 May 2022

Morning session 2 (11:20 - 13:05)

-Conveners: **Sonia Bacca**

time	[id] title	presenter
11:20	[123] Shape coexistence, chirality and octupole collectivity in Cs and Ba nuclei close to the proton drip line	PETRACHE, Costel
11:55	[125] Valence-space effective interactions and effective operators from the No-Core Shell Model	SMIRNOVA, Nadezda
12:30	[126] Hole states of the Cluster Shell Model	GAI, Moshe

Wednesday, 18 May 2022

Morning session 2 (11:20 - 13:05)

-Conveners: Maria Jose G. Borge

time	[id] title	presenter
11:20	[138] Shell Model applications in nuclear astrophysics	MARTINEZ-PINEDO, Gabriel
11:55	[139] Neutron/proton matrix elements in the very n-rich Ni isotopes: Fingerprints of a dual quantum liquids phase transition?	DE ANGELIS, Giacomo
12:30	[140] The AGATA campaigns at GANIL	DE FRANCE, Gilles

Thursday, 19 May 2022

Morning session 2 (11:20 - 13:40)

-Conveners: **Manuela Cavallaro**

time	[id] title	presenter
11:20	[152] Shape coexistence far from stability	POVES, Alfredo
11:55	[153] Structure of nuclei near 100Sn	GORSKA, Magdalena
12:30	[154] Beta decay of exotic $T_z=-2$ and $T_z=-1$ nuclei	RUBIO, Berta
13:05	[156] iThemba LABS: The South African National Facility for nuclear physics and accelerator based sciences"	AZAIEZ, Faical

Friday, 20 May 2022

Morning session 2 (11:00 - 13:00)

-Conveners: Costel Petrache

time	[id] title	presenter
11:00	[160] Parity violating asymmetry and dipole polarizability in ^{208}Pb	ROCA MAZA, Javier
11:35	[161] Gamow-Teller excitations in the SSRPA approach	GAMBACURTA, Danilo
12:10	[162] Persistence of the weak-coupling limit around ^{132}Sn : the case of the 1p-2h ^{131}Sb nucleus	BOTTONI, Simone
12:35	[130] Studying the neutron-rich nuclei in the vicinity of ^{78}Ni	MANCINO, Riccardo