

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

Afternoon session 2 (16:45 - 18:25)

-Conveners: Nadezda Smirnova

time	[id] title	presenter
16:45	[115] Evidence of the triaxial structure of ^{129}Xe at the Large Hadron Collider	BALLY, Benjamin
17:10	[116] Zr isotopes as a case study for intertwined quantum phase transitions"	GAVRIELOV, Noam
17:35	[117] Fission isomers studies with the FRS ion catcher	TORTORELLI, Nazarena
18:00	[168] Manifestation of cluster structure of light nuclei in direct nuclear reactions	URAZBEKOV, Bakytzhan

Tuesday, 17 May 2022

Afternoon session 2 (17:00 - 19:05)

-Conveners: Alba Formicola

time	[id] title	presenter
17:00	[163] Ab-initio description of the monopole resonance in light- and medium-mass nuclei	PORRO, Andrea
17:25	[131] Multi-channel experimental and theoretical approach to study the $^{12}\text{C}(^{18}\text{O},^{18}\text{F})^{12}\text{B}$ single charge exchange reaction mechanism	SPATAFORA, Alessandro
17:50	[132] Shape evolution in neutron-rich nuclei around mass 100	PASQUALATO, Giorgia
18:15	[133] Triaxial shapes and rotation modes predicted by CRMs for light nuclei	GULSHANI, Parviz

Wednesday, 18 May 2022

Afternoon session 2 (16:45 - 18:00)

-Conveners: **Berta Rubio**

time	[id] title	presenter
16:45	[144] Study of one-nucleon transfer reactions in $^{18}\text{O} + ^{76}\text{Se}$ collision at 275 MeV in the context of the NUMEN project"	CIRALDO, Irene
17:10	[146] Microscopic effective interactions for the nuclear Shell Model	LI, Zhen
17:35	[147] Level scheme study of $^{91,92}\text{Mo}$	HUANG, Zhen