

10TH International workshop on quantum phase transitions in nuclei and many-body systems

Thursday, July 14, 2022

Novel aspects and signatures of QPTs in nuclei (9:00 AM - 11:00 AM)

-Conveners: Lorenzo Fortunato; Andrea Vitturi

time	[id] title	presenter
9:00 AM	[01] Introduction	FORTUNATO, Lorenzo
9:03 AM	[06] Probing nucleon-nucleon correlations in heavy ion transfer reactions	SZILNER, Suzana
9:23 AM	[44] Shape phase transitions and shape coexistence through two-neutron transfer	LAY VALERA, José Antonio
9:43 AM	[05] Prolate to oblate transition within the proxy-SU(3) symmetry	BONATSOS, Dennis
10:03 AM	[04] Shape coexistence in Ni isotopic chain	BENZONI, Giovanna
10:23 AM	[06] Shape evolution across the N=Z line	LENZI, Silvia

Novel aspects and signatures of QPTs in nuclei (11:30 AM - 1:30 PM)

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time	[id] title	presenter
11:30 AM	[40] Lipkin model on a quantum computer	JOHNSON, Calvin
11:55 AM	[48] Quantum simulation and quantum phase transitions of an extended Agassi model	PÉREZ-FERNÁNDEZ, Pedro
12:15 PM	[46] The use of Artificial Neural Networks in Nuclear Structure Studies	AKKOYUN, Serkan
12:35 PM	[43] Wobbling and chiral bands with non-axial quasiparticle alignments	BUDACA, Radu
12:55 PM	[81] The microscopic origin of the Interacting Boson Model	MARTINOIU, Andriana