Nuclear Tapas: the shell model as a cornerstone of nuclear structure

Thursday, 27 April 2023

Invited talks (09:30 - 11:00)

time	[id] title	presenter
09:30	[2] Nuclear tapas: the landscape of medium mass nuclei	NOWACKI, Frédéric
10:00	[3] Shell closures in neutron-rich Ni and Ca isotopes. In-beam spectroscopy at the RIBF	OBERTELLI, Alexandre
10:30	[4] A magnifying glass on the evolution of nuclear radii	LENZI, Silvia

Invited talks (11:30 - 13:00)

time	[id] title	presenter
11:30	[5] Gamma-spectroscopy around 132Sn	FRAILE, Luis Mario
12:00	[6] On the possibility of relativistic shell model calculations	RING, Peter
12:30	[7] Effective interactions from the No-Core Shell Model	SMIRNOVA, Nadezda

Invited talks (14:30 - 16:00)

time	[id] title	presenter
14:30	[8] Shell Model and Hoyle state	OTSUKA, Takaharu
15:00	[9] Alfredo and some Nilsson tapas	MACCHIAVELLI, Augusto
15:30	[10] Shells and Shapes through gentle and major shakeup reactions	ALAHARI, Navin

Invited talks (16:30 - 18:00)

time	[id] title	presenter
16:30	[11] Shell Model applications in nuclear astrophysics	LANGANKE, Karlheinz
17:00	[12] The decay of Tz=-2 nuclei, the IAS and the AAS: does the AAS provide useful information?	RUBIO, Berta
17:30	[13] Ab initio “shell model”: implications for nuclear structure and BSM physics	HOLT, Jason

Friday, 28 April 2023

Invited talks (09:00 - 10:30)

time	[id] title	presenter
09:00	[14] Shell Model in quantum computer	RÍOS, Arnau
09:30	[15] Test of nuclear theory in the nuclear landscape - a Swedish smorgasbord	CEDERWALL, Bo
10:00	[16] TBA	GADE, Alexandra

Invited talks (11:00 - 13:30)

time	[id] title	presenter
11:00	[17] The role of three-nucleon potentials within the Shell Model	GARGANO, Angela
11:30	[18] Anomalous collective modes from the finite N-triaxial rotor	QI, Chong
12:00	[19] Neutrinoless double-beta decay matrix elements: where we were and where we are?	MENENDEZ, Javier
12:30	[20] Jam Session	SEVERAL AUTHORS