



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

Thursday 27 April		
9:15-9:30	Welcome	DFT-UAM and IFT-UAM representatives
Session 1 Chair: Pedro Sarriguren		
9:30-10:00	Nuclear tapas: the landscape of medium mass nuclei	Frederic Nowacki
10:00-10:30	Shell closures in neutron-rich Ni and Ca isotopes. In-beam spectroscopy at the RIBF	Alexandre Obertelli
10:30-11:00	A magnifying glass on the evolution of nuclear radii	Silvia Lenzi
11:00-11:30	Coffee break	
Session 2 Chair: José Javier Valiente-Dobón		
11:30-12:00	Gamma-spectroscopy around ^{132}Sn	Luis Mario Fraile
12:00-12:30	On the possibility of relativistic shell model calculations	Peter Ring
12:30-13:00	Effective Interactions from the No-Core Shell Model	Nadia Smirnova
13:00-14:30	Lunch break	
Session 3 Chair: Roberto Liotta		
14:30-15:00	Shell model and Hoyle state	Takaharu Otsuka
15:00-15:30	Alfredo and some Nilsson tapas	Augusto Macchiavelli
15:30-16:00	Shells and Shapes through gentle and major shakeup reactions	Navin Alahari
16:00-16:30	Coffee break	
Session 4 Chair: Magdalena Gorska		
16:30-17:00	Shell model applications in nuclear astrophysics	Karlheinz Langanke
17:00-17:30	The decay of $T_z = -2$ nuclei, the IAS and the AAS: does the AAS provide useful information?	Berta Rubio
17:30-18:00	Ab initio "shell model": implications for nuclear structure and BSM physics	Jason Holt
20:00	Conference Dinner at Raimunda	



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Session 5	Chair: Beatriz Fernández-Domínguez	
9:00-9:30	Shell Model in a quantum computer	Arnau Ríos
9:30-10:00	Tests of nuclear theory in the nuclear landscape – a Swedish smorgasbord	Bo Cederwall
10:00-10:30	TBA	Alex Gade
10:30-11:00	Coffee break	
Session 6	Chair: Àngels Ramos	
11:00-11:30	The role of three-nucleon potentials within the Shell Model	Angela Gargano
11:30-12:00	Anomalous collective mode from the finite-N triaxial rotor	Chong Qi
12:00-12:30	Neutrinoless double-beta decay matrix elements: where we were and where we are?	Javier Menéndez
Jam Session	Chair: Gabriel Martínez Pinedo	
12:30-13:30	Various contributors	
13:30	Lunch	