ERC EXOTIC workshop - Frontiers in Nuclear Physics

Day 1 – 21.11.2023

Time	Topic	Speaker	Talk/Disc.
9:00 - 9:05	Introduction and welcome	U.-G. Meißner	5
9:05 - 9:50	Halo EFT: News and Views	H. W. Hammer	35/10
9:50 - 10:35	Precision calculations in few-nucleon systems	E. Epelbaum	35/10
10:35 - 11:00	Coffee break		
11:00 - 11:45	Baryon-baryon interaction from chiral EFT	J. Haidenbauer*	35/10
11:45 - 12:30	Hypernuclei from the NCSM	A. Nogga	35/10
12:30 - 14:00	Lunch break		
14:00 - 14:45	Hypernuclei from the Lattice	F. Hildenbrand	35/10
14:45 - 15:30	Nuclear physics from Wigner's SU(4)	S. Shen	35/10
15:30 - 16:00	Coffee break		
16:00 - 16:45	Primordial nucleosynthesis with varying $\alpha_{\rm EM}$	H. Meyer	35/10

* talk given by U.-G. Meißner

Day 2 – 22.11.2023

Time	Topic	Speaker	Talk/Disc.
9:00 - 9:45	Probing heavy element nucleosynthesis through electromagnetic observations	G. Martinez-Pinedo	35/10
9:45 - 10:30	Wave function matching	D. Lee	35/10
10:30 - 11:00	Coffee break		
11:00 - 11:45	Scattering processes in nuclear lattice simulations	S. Elhatisari	35/10
11:45 - 12:30	Complex scaling in NLEFT/p-rich nuclei	S. Zhuang	35/10
12:30 - 14:00	Lunch break		
14:00 - 14:45	Spectral overlap method for determining resonances in finite continuum/lattice	L. Bovermann	35/10
14:45 - 15:30	Floating block method and EC	A. Sarkar	35/10
15:30 - 16:00	Coffee break		
16:00 - 16:45	Ab initio study of nuclear clustering in hot dilute nuclear matter	Z. Ren	35/10

Day 3 – 23.11.2023

Time	Topic	Speaker	Talk/Disc.
9:00 - 9:45			35/10
9:45 - 10:30	Symmetry preserving regularization of nuclear potentials	H. Krebs	35/10
10:30 - 11:00	Coffee break		
11:00 - 11:45	Neutron matter EoS from NLEFT	H. Tong	35/10
11:45 - 12:30	Carbon and oxygen isotope chains and and others	Y.-H. Song	35/10
12:30 - 14:00	Lunch break		
14:00 - 14:45	Outlook	U.-G. Meißner	35/10

Table 1: Projected time schedule for the scientific presentations. In the right-most column, "Talk" denotes time of the project(s) presentation and "Disc." the assigned discussion time in minutes. The length of the talk can be shorter but not longer than the assigned time.