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	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 NLEFT	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 α_{EM}	H. Meyer	35/10

Day 2 – 22.11.2023

Time	Topic	Speaker	Talk/Disc.
9:00 - 9:45	Heavy element generation	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 NLEFT	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	Continuum resonances	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	Clustering in nuclei and nuclear matter	Z. Ren	35/10

Day 3 – 23.11.2023

Time	Topic	Speaker	Talk/Disc.
9:00 - 9:45	Strongly interacting matter in the universe	A. Schwenk	35/10
9:45 - 10:30	Three-nucleon forces in chiral EFT	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	C & O isotope chains and other news from Korea	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.