

Workshop on Few-Body Problems in Nuclear and Hadron Physics

Monday 21 September 2026

Nuclear physics (09:00-10:20)

time	[id] title	presenter
09:00	[2] Fine-tunings in nuclear physics	Ulf-G. Meißner
09:40	[3] Chiral Nuclear Forces with Symmetry Preserving Regulator	Hermann Krebs

Nuclear physics (10:50-12:10)

time	[id] title	presenter
10:50	[4] Perturbative-pion interaction	Bing-Wei Long
11:30	[5] Precision Chiral EFT analysis of low-energy lepton-proton two-photon exchange including hadronic effects	Udit Raha

Tuesday 22 September 2026

Nuclear physics (09:00-10:20)

time	[id] title	presenter
09:00	[10] Structure of Ξ hypernuclei	Emiko Hiyama
09:40	[11] Light hypernuclei	Andreas Nogga

Nuclear physics (10:50-11:30)

time	[id] title	presenter
10:50	[12] Exploring multi-cluster structures in light nuclei	Bo Zhou

Nuclear physics (11:30-12:10)

time	[id] title	presenter
11:30	[13] Structure and decay of α -condensate candidates from cluster effective field theory interactions	Dong Bai

Nuclear physics (14:00-14:40)

time	[id] title	presenter
14:00	[14] Recent advances in algorithms and applications of nuclear lattice EFT	Bing-Nan Lyu

Nuclear physics (14:40-15:20)

time	[id] title	presenter
14:40	[15] Deep-neural-network approach to solving the ab initio nuclear structure problem	Peng-Wei Zhao

Nuclear physics (15:50-16:30)

time	[id] title	presenter
15:50	[16] Reaction mechanisms of low-energy nuclear reactions on light nuclei	Dan-Yang Pang

Nuclear physics (16:30-17:50)

time	[id] title	presenter
16:30	[17] Ab Initio nuclear scattering with high-fidelity interactions on the lattice	Serdar Elhatisari
17:10	[18] Nuclear structure effects to high-precision spectroscopy in hydrogen-like atoms	Chen Ji

Thursday 24 September 2026

Nuclear physics (10:50-11:30)

time	[id] title	presenter
10:50	[29] Bound and Resonant Spectra of Few-Lepton Coulomb Systems	Liang-Zhen Wen

Nuclear physics (11:30-12:10)

time	[id] title	presenter
11:30	[30] Neural-network approach to multiquark states and mesic nuclei	Wei-Lin Wu