

Nuclear physics across energy scales

Friday, 19 September 2025

Afternoon Session (14:00 - 17:00)

-Conveners: Defu Hou

time	[id] title	presenter
14:00	[6] Essentials of nuclear imaging at high-energy colliders	Prof. GIACALONE, Giuliano
14:30	[7] Sign-problem-free quantum Monte Carlo simulation towards heavy nuclei	Prof. LU, Bingnan
15:00	Coffee Break	
15:30	[27] Exploring dense nuclear matter in relativistic heavy-ion collisions	Prof. KITAZAWA, Masakiyo
16:00	[9] Can the strong interactions between hadrons be determined using femtoscopy?	Prof. EPELBAUM, Evgeny
16:30	[8] Emergent Cluster Structures in Light Nuclei	Prof. ZHOU, Bo

Saturday, 20 September 2025

Afternoon Session (14:00 - 16:30)

-Conveners: Raimond Snellings

time	[id] title	presenter
14:00	[15] Probing QGP in light-ion collisions with ATLAS	Prof. HU, Qipeng
14:30	[16] Small scale fluctuations and flow correlations	Prof. BOŹEK, Piotr
15:00	Coffee Break	
15:30	[17] Resolving the PREX-CREX puzzle in nuclear density functional theory	Prof. ZHANG, Zhen
16:00	[18] Octupole correlations in super-deformed bands in 56Ni	Prof. SAGAWA, Hiroyuki

Sunday, 21 September 2025

Afternoon Session (14:00 - 15:30)

-Conveners: Long-Gang Pang

time	[id] title	presenter
14:00	[25] Fermi operator expansion method for nuclei and inhomogeneous nuclear matter at finite temperature	Prof. NAKATSUKASA, Takashi
14:30	[26] A theory discussion on new results from oxygen and neon collisions at the LHC	Prof. VAN DER SCHEE, Wilke
15:00	Coffee Break	