NIC-XVII Pre-workshop time Table: Nuclei in the Cosmos

(Seoul, September 15-16, 2023)

Sep. 15 (Fri)	Pre-workshop table	
13:30-14:00	Registration	
14:00-14:35	Magnetic effect on nucleosynthesis	Kiwan Park
14:35-15:10	An exact solution of the higher-order gravity in standard radiation-dominated era	Chae-min Yun
15:10-15:45	Evolution of Radiation-Dominated Universe and Big Bang Nucleosynthesis in Bianchi I Viscous Cosmology	Jiwon Park
15:45-16:00	Break	
16:00-16:40	Testing non-extensivity on photon distribution in BBN plasma	Dukjae Jang
16:40-17:20	Shape staggering and Kink Structure of some Hg nuclei isotopes	Myung-Ki Cheoun
17:20-17:55	Visualization method of nuclear many-body correlations	Yusuke Tanimura
17:55-18:30	Discussion	
18:30-02:00	Dinner	

Sep. 16 (Sat)	Pre-workshop table	
10:00-10:40	Future Possibilities for Machine Learning in Computational Nuclear Astrophysics	Michael Smith
10:40-11:20	New targets for relic antineutrino capture	Yeon Lee
11:20-11:30	Break	
11:30-12:10	The r-Process: Observation Meets Theory	Erika Holmbeck
12:10-12:50	NIC XVII School Group Activities	Jubin Park
12:50-14:30	Lunch	
14:30-15:05	Neutrino-Mass Hierarchy and the Roles of n -Nucleus and Radioactive Nuclear Reactions in the Supernova Nucleosynthesis	Xingqun Yao
15:05-15:40	Coexistence of Nucleosynthesis Products From r-, i-, and s-processes in the Collapsar Jet	Zhenyu He
15:40-18:00	Discussion	

OMEG
Origin of Matter and Evolution of Galaxies
우주 물질 중점연구소

CENS
CENTER FOR EXOTIC NUCLEAR STUDIES