

Top-tier Nuclear Astrophysics Working Group Workshop

Monday, 22 December 2025

Nuclear Reaction (13:00 - 14:20)

time	[id] title	presenter
13:00	[12] Impact of 70Kr masses on rp-process	DOHI, Akira
13:20	[13] Direct measurement of (a,p) cross sections for the ap-process	CHA, Soomi
13:40	[14] The study of the ^{34}Ar beam production for the direct measurement of $^{34}\text{Ar}(a,p)^{37}\text{K}$	KIM, Aram
14:00	[15] Fast sensitivity studies for X-ray bursts using deep learning	KIM, Sohyun

Nuclear Reaction (14:30 - 16:10)

time	[id] title	presenter
14:30	[16] Towards understanding the neutron star EOS: Heavy ion collision experiment by using RI beam	ISOBE, TadaAki
14:50	[6] Non-gamma Surrogate method using OEDO	IMAI, Nobu
15:10	[17] Study of r-process neutron capture via (d,p) surrogate reactions of neutron-rich Sn isotopes	BAE, Sunghan
15:30	[18] Development of isomer beams at RAON for nuclear astrophysics	WATANABE, Hiroshi
15:50	[19] Constraints on the nucleosynthesis of light r-process elements from newly measured beta-delayed neutron emitters in the mid-shell region between ^{78}Ni and ^{132}Sn	PHONG, Vi Ho