

Nuclei in the Cosmos (NIC XVII)

Thursday, 21 September 2023

Nuclear properties for astrophysics (15:45 - 17:55)

time	[id] title	presenter
15:45	[187] Experiments related to Neutron-Rich Nuclei in r-Process Nucleosynthesis	NISHIMURA, Shunji
16:15	[146] Experimental study on astrophysically important ^{22}Mg nucleus via resonant scattering of $^{18}\text{Ne} + \alpha$	CHA, Soomi
16:30	[172] New half-lives and beta-delayed neutron branchings for neutron-rich Ba to Nd nuclei ($A \sim 160$) relevant for the formation of the r-process rare-earth peak	PALLÀS SOLÍS, Max
16:45	[37] Astrophysical Reactions Important in r- and vp- processes Measured Using (d,p) Transfer Reactions at OEDO-SHARAQ	CHILLERY, Thomas
17:00	[33] Bound-state beta-decay of Thallium-205 to constrain s-process predictions for the early Solar System	LECKENBY, Guy

Friday, 22 September 2023

Nuclear properties for astrophysics (13:30 - 15:20)

time	[id] title	presenter
13:30	[216] Constraining the key reaction rates using indirect methods	Prof. ROGACHEV, G.V.
14:00	[158] Novel Studies of Nucleosynthesis in the Lab	CHIPPS, Kelly
14:30	[136] Impact of the Hoyle state in ^{12}C on hypernova neutrino-p process and Galactic chemical evolution	KAJINO, Taka
14:45	[156] Study of two missing states of ^{19}Ne affecting the $^{18}\text{F}(\text{p}, \alpha)^{15}\text{O}$ reaction rate in classical novae	KIM, D.
15:00	[178] Nuclear Physics of Accreting Neutron Stars	(RAHUL JAIN), Hendrik Schatz