

Nuclei in the Cosmos (NIC XVII)

Monday, 18 September 2023

Nuclear reaction rates and stellar abundances (16:15 - 18:00)

time	[id] title	presenter
16:15	[206] Neutron-capture reactions and heavy element nucleosynthesis	ARTEMIS, Spyrou
16:45	[202] The status and future of nuclear property experiments at CENS	Dr AHN, Sunghoon(Tony)
17:15	[139] Realistic fission transmission coefficients in the statistical Hauser-Feshbach compound-nucleus reaction theory	Dr KAWANO, Toshihiko
17:30	[52] Experimentally determined $^{56}\text{Ni}(n,p)$ cross section and its impacts on ν -p process	LEE, Hye Young
17:45	[54] Measuring the $^{15}\text{O}(\alpha,\gamma)^{19}\text{Ne}$ Reaction Rate in Type I X-ray Bursts using ^{20}Mg β -decay	WHEELER, Tyler

Tuesday, 19 September 2023

Nuclear reaction rates and stellar abundances (09:00 - 10:30)

time	[id] title	presenter
09:00	[141] Neutrino process for ^{10}Be with updated relevant nuclear reactions	CHEOUN, Myung-Ki
09:30	[74] Experimental Study of the $^{30}\text{Si}(p,\gamma)^{31}\text{P}$ for understanding elemental anomalies in Globular Clusters	DE SÉRÉVILLE, Nicolas
09:45	[94] Isotopic ratios from (sub)millimetre observations of AGB stars	DANILOVICH, Taïssa
10:00	[131] Nucleosynthesis in the tellurium-xenon region	DELLMANN, Sophia Florence
10:15	[134] The Impact of 1D and 3D NLTE Effects on neutron-capture elements	STORM, Nicholas