



# Nuclei in the Cosmos (NIC XVII)

## Tuesday, 19 September 2023

### Poster session (Novae and X-ray bursts, Type IA supernova and the p-process) (17:00 - 19:30)

time	[id] title	presenter
17:00	[62] Study of the ${}^{60}\text{Ga}(\beta^+){}^{60}\text{Zn}$ decay of for the Astrophysical rp process	OWENS-FRYAR, Gerard
17:05	[76] Evaluation of ${}^{19}\text{Ne}$ nuclear structure with a Bayesian approach	KIM, Sohyun
17:10	[81] ${}^{26}\text{Si}(\alpha, \alpha){}^{26}\text{Si}$ measurement for the astrophysical ${}^{26}\text{Si}(\alpha, p){}^{29}\text{P}$ reaction rate	KIM, Minju
17:15	[186] Study of mirror resonant reactions by TTIK approach	SERIKBAYEVA, Gulfairuz
17:20	[89] Direct Measurement of the ${}^{14}\text{O}(\alpha, p){}^{17}\text{F}$ Cross Section	PARK, Chaeyeon
17:25	[101] Direct measurement of the ${}^{26}\text{Si}(\alpha, p){}^{29}\text{P}$ reaction at CRIB for the nucleosynthesis in the X-ray bursts	OKAWA, Kodai
17:30	[115] Thermonuclear reaction rate sensitivity study for primordial nova nucleosynthesis	PSALTIS, Thanassis
17:35	[140] Lifetime measurement of the dominant ${}^{22}\text{Na}(p, \gamma){}^{23}\text{Mg}$ resonance in novae	WAGNER, Louis
17:40	[203] Nuclear astrophysics study using SNACK at KoBRA	Dr KWAG, Minsik
17:45	[127] Igniting the Superburst on KS1731-260	BRITT, Eric
17:50	[154] Identifying the Origin of Presolar Grains: Gamma-Spectroscopy of ${}^{35}\text{Ar}$	REED, Ben
17:55	[157] Direct measurement of the cross section for ${}^{102}\text{Pd}(p, g){}^{103}\text{Ag}$ reaction in the p-process	LIU, Fulong