



# Nuclei in the Cosmos (NIC XVII)

## Monday, September 18, 2023

### The s-process (9:15 AM - 10:15 AM)

time	[id] title	presenter
9:15 AM	[211] Questions in Experimental Nuclear Astrophysics	Prof. WIESCHER, Michael
9:45 AM	[13] New constraints on the $^{13}\text{C}(\alpha, n)^{16}\text{O}$ reaction	DEBOER, Richard
10:00 AM	[46] New determination of $^{17}\text{O} + \alpha$ reaction rates and impact on the s-process in metal-poor rotating massive stars	HAMMACHE, Fairouz

### The s-process (10:45 AM - 12:00 PM)

time	[id] title	presenter
10:45 AM	[95] The s-process in AGB stars	KARAKAS, Amanda
11:15 AM	[20] The s process - nuclear physics aspects	REIFARTH, Rene
11:45 AM	[100] New s-process yields and surface abundances from asymptotic giant branch models	SZÁNYI, Balázs