



# Nuclear Physics in Astrophysics - X

## Monday, 5 September 2022

**Monday - Session 3 - 500/1-001 - Main Auditorium (14:00 - 15:30)**

-Conveners: Michael Paul

time	[id] title	presenter
14:00	[149] Neutron-induced cross section measurements using the Liquid Lithium Target at SARAF	FRIEDMAN, Moshe
14:30	[54] Indirect study of $^{17}\text{O}(\alpha, n)^{20}\text{Ne}$ and $^{17}\text{O}(\alpha, g)^{21}\text{Ne}$ reactions via $^{17}\text{O}(^7\text{Li}, t)^{21}\text{Ne}$ alpha-transfer reaction and its impact on the s-process in rotating poor-metal massive stars	Dr HAMMACHE, Faïrouz
14:45	[119] Trap System for Measuring Neutron Capture Cross Section of Short-lived Isotopes	WILSENACH, Heinrich
15:00	[42] Direct measurement of $^{13}\text{C}(\alpha, n)^{16}\text{O}$ reaction towards its s-process Gamow peak	Dr CSEDREKI, László
15:15	[36] Stellar s-s-process neutron capture cross sections on $^{84}\text{Se}$ and $^{86}\text{Ce}$	Dr TESSLER, Moshe