

Nuclei in the Cosmos (NIC XVII)

Monday, September 18, 2023

Underground nuclear astrophysics (1:30 PM - 3:45 PM)

time	[id] title	presenter
1:30 PM	[60] JUNA investigation of star evolution in deep underground laboratory	Prof. LIU, Weiping
2:00 PM	[14] Nuclear Astrophysics in underground laboratories: the LUNA experiment	CACIOLLI, Antonio
2:30 PM	[132] Measurements of Proton Capture on Carbon at Astrophysical Energies	BOELTZIG, Axel
2:45 PM	[42] $^{22}\text{Ne}+a$ measurements deep underground	BEST, Andreas
3:00 PM	[181] Measurement of the low energy resonances in $^{22}\text{Ne}(a,g)$ and $^{22}\text{Ne}(a,n)$ reaction	Ms SHAHINA, Shahina
3:15 PM	[70] Deep underground laboratory measurement of $^{13}\text{C}(\alpha,n)^{16}\text{O}$ in the Gamow windows of the s- and i-processes	Dr GAO (ON BEHALF OF THE JUNA COLLABORATION), Bingshui
3:30 PM	[61] Exploring the Potential for Astrophysical Neutrino Detection at JUNO	Dr CHENG, Jie