

Nuclei in the Cosmos (NIC XVII)

Monday, 18 September 2023

Underground nuclear astrophysics (13:30 - 15:45)

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