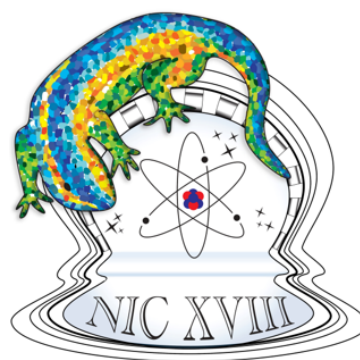


Session Program

15–20 Jun 2025



International Symposium on Nuclei in the Cosmos XVIII (NIC XVIII)

Stellar Evolution III – Novae and XRBs

Girona

Palau de Congressos de Girona Pg. de la Devesa, 35 17001 Girona

Thursday 19 June

11:45

Stellar Evolution III – Novae and XRBs

Session | Location: Girona, Palau de Congressos de Girona Pg. de la Devesa, 35 17001 Girona

11:45–12:15 Nucleosynthesis in Explosive H-Burning Scenarios

Speakers

Hendrik Schatz, Hendrik Schatz

12:15–12:30 H-triggered X-ray Bursts on Slowly Accreting Neutron Stars

Speaker

Sierra Casten

12:30–12:45

Experimental study of the $^{15}\text{O}(\alpha,\gamma)^{19}\text{Ne}$ reaction for understanding type I X-ray bursts

Speaker

Nicolas de Séréville

12:45–13:00 Weak rp-process nucleosynthesis in low-metallicity novae explosions

Speaker

Thanassis Psaltis

13:00