

Session Program

24-29 Jun 2018

Nuclei in the Cosmos XV

Stellar contribution: low and intermediate mass stars

LNGS, "E. Fermi" conference room
Via G. Acitelli, 22 - 67100 Assergi (Italy)

Tuesday 26 June

09:00

Stellar contribution: low and intermediate mass stars

Session | **Location:** LNGS, "E. Fermi" conference room, Via G. Acitelli, 22 - 67100 Assergi (Italy) | **Convener:** Maurizio Busso

09:00–09:30

Observational constraints on nucleosynthesis from AGB and post-AGB stars in our Galaxy and its satellites

Speaker

Carlos Abia

09:30–09:45

The importance of the $^{13}\text{C}(\alpha, n)^{16}\text{O}$ reaction in Asymptotic Giant Branch stars

Speaker

Sergio Cristallo

09:45–10:00

The i-process in super asymptotic giant branch stars

Speaker

Carolyn Doherty

10:00–10:15

s-Processing from MHD-induced mixing and isotopic abundances in presolar SiC grains

Speaker

Sara Palmerini

10:15–10:30

The evolution of CNO isotope ratios: a litmus test for stellar IMF variations in galaxies across cosmic time

Speaker

Donatella Romano

10:30