Session Program

21–29 Jul 2022



15th International Conference on Nuclear Data for Science and Technology (ND2022)

Nuclear Astrophysics

Gather.Town

Tuesday 26 July

09:30

Nuclear Astrophysics

Session | **Location:** Capitol | **Convener:** Lawrence Heilbronn

09:30–09:54

High precision re-determination of the half-lives of ^{146}Sm, ^{148}Gd, and ^{154}Dy.

Speaker
Nadine Mariel Chiera

09:54–10:06

Neutron capture cross-section measurements of Mn-53

Speaker
Dr Rugard Dressler

10:06–10:18

^{77,78}Se(n,γ) and ^{68}Zn(n,γ) Cross-section Measurements at n_TOF Relevant for the Astrophysical s-process

Speaker
Nikolay Sosnin

10:18–10:30

Measurement of the 140Ce(n,γ) cross section at astrophysical energies at n_TOF

Speaker
Simone Amaducci

10:30–10:42

(WITHDRAWN) New experimental decay data for nuclei around ^{78}Ni and its astrophysical impact

Speakers
Dr Alvaro Tolosa-Delgado, BRIKEN collaboration BRIKEN collaboration

11:06