

Session Program

14-16 Dec 2021



ISOLDE Workshop and Users meeting 2021

Nuclear models and astrophysics

Tuesday 14 December

09:10

Nuclear models and astrophysics

Session | Convener: Liam Gaffney

09:10–09:35

Microscopic shell-model calculations with realistic effective interactions

Speaker

Dr Angela Gargano

09:40–09:52

Enhanced symmetry energy behind the universality of heavy-element abundances

Speaker

Prof. Jose Nicolas Orce

09:55–10:07

Total absorption spectroscopy of ^{64}Ge and ^{64}Ga for their importance in stellar decay rates

Speaker

Enrique Nacher Gonzalez

10:10

10:15

Nuclear models and astrophysics

Session | Convener: Liam Gaffney

10:15–10:27

Investigating the key rp -process reaction $^{61}\text{Ga}(\text{p},\gamma)^{62}\text{Ge}$ reaction via $^{61}\text{Zn}(\text{d},\text{p})^{62}\text{Zn}$ transfer

Speaker

Mr Connor Thomas O'Shea

10:30–10:55

Ab initio predictions of atomic nuclei

Speaker

Andreas Ekström

11:00–11:12

Coulomb excitation of ^{66}Ge

Speaker

Dr Kenzo Abrahams

11:15