



# ISOLDE Workshop and Users meeting 2021

## Tuesday, 14 December 2021

### Nuclear models and astrophysics (09:10 - 10:10)

-Conveners: Liam Gaffney

| time  | [id] title  | presenter                |
|-------|---|--------------------------|
| 09:10 | [8] Microscopic shell-model calculations with realistic effective interactions  | Dr GARGANO, Angela       |
| 09:40 | [17] Enhanced symmetry energy behind the universality of heavy-element abundances                                       | Prof. ORCE, Jose Nicolas |
| 09:55 | [20] Total absorption spectroscopy of $^{64}\text{Ge}$ and $^{64}\text{Ga}$ for their importance in stellar decay rates | NACHER GONZALEZ, Enrique |

### Nuclear models and astrophysics (10:15 - 11:15)

-Conveners: Liam Gaffney

| time  | [id] title   | presenter                |
|-------|--|--------------------------|
| 10:15 | [39] Investigating the key $\text{rp}$ -process reaction $^{61}\text{Ga}(\text{p},\gamma)^{62}\text{Ge}$ reaction via $^{61}\text{Zn}(\text{d},\text{p})^{62}\text{Zn}$ transfer | Mr O'SHEA, Connor Thomas |
| 10:30 | [3] Ab initio predictions of atomic nuclei   | EKSTRÖM, Andreas         |
| 11:00 | [45] Coulomb excitation of $^{66}\text{Ge}$  | Dr ABRAHAMS, Kenzo       |