

## Session Program

July 30, 2023 to August 4, 2023



## 25th European Conference on Few-Body Problems in Physics

### *Monday Parallel Session: Few-body systems and astrophysics (Linke Aula)*

Alte Mensa, AudiMax  
Johann-Joachim-Becher-Weg 3, 55128 Mainz

# Mon, July 31

2:50 PM

## Monday Parallel Session: Few-body systems and astrophysics (Linke Aula)

Session | Location: Alte Mensa, Linke Aula | Convener: Winfried Leidemann

2:50 – 3:15 PM **Direct measurements of nuclear reactions at stellar burning energies**

**Speaker**

Dr Carlo Bruno

3:15 – 3:30 PM  **${}^6\text{Li}$  as a three-particle system in the  $(p, {}^3\text{He})$  reaction at astrophysical energies**

**Speaker**

Salvatore Simone Perrotta

3:30 – 3:45 PM

**Radiative neutron capture rate of  ${}^{11}\text{B}(n, \gamma){}^{12}\text{B}$  reaction from the Coulomb dissociation of  ${}^{12}\text{B}$**

**Speaker**

Dr Gagandeep Singh

3:45 – 4:00 PM **Hydrogen burning on Nitrogen isotopes in CNO and HCNO-cycles**

**Speaker**

Alessya Tkachenko

4:00 – 4:15 PM

**Valley Trions in Monolayer Transition Metal Dichalcogenides in the Framework of the Method of Hyperspherical Harmonics**

**Speaker**

Dr Shalva Tsiklauri

4:15 PM