



# The 1st IReNA-Ukakuren Joint Workshop “Advancing Professional Development in Nuclear Astrophysics and Beyond”

## Tuesday, 29 August 2023

**Light Nuclei: Morning - 1 - Large Seminar Room (Subaru Building) (09:30 - 10:40)**

-Conveners: Heshani Jayatissa

time	[id] title	presenter
09:30	[41] Study of the contribution of the $7\text{Be}(d, p)$ reaction to the $7\text{Li}$ problem in the Big-Bang Nucleosynthesis	INOUE, Azusa
10:10	[9] Feasibility study for measuring the gamma-decay probability of the 3-1 state in $^{12}\text{C}$ with deuteron inelastic scattering	HONDA, Yuya

# Thursday, 31 August 2023

## **Light Nuclei: Morning - 2 - Large Seminar Room (Subaru Building) (11:00 - 12:10)**

-Conveners: Azusa Inoue

time	[id] title	presenter
11:00	[55] Studying the nucleosynthesis in explosive stellar environments	JAYATISSA, Heshani
11:40	[25] Cross section evaluation of the dependence of the mean field model on antisymmetrized molecular dynamics	MUKOBARA, Yuta

## **Light Nuclei: Afternoon - 1 - Large Seminar Room (Subaru Building) (13:20 - 13:50)**

time	[id] title	presenter
13:20	[32] Unraveling the role of carbon-alpha reaction rate for radioactive nickel synthesis in pair-instability supernovae	KAWASHIMO, Hiroki