



# The 16th International Symposium on Origin of Matter and Evolution of Galaxies

## Friday 28 October 2022

### Friday - Session 1: Stellar Evolutions and Hydrostatic Burning Processes & Underground Nuclear Astrophysics

(08:30-10:10)

-Conveners: Xiaodong Tang

time	[id] title	presenter
08:30	[86] Stellar evolution models or “The stellar evolution models and the critical nuclear reactions” (tentative)	Prof. HEGER, Alexander
09:00	[9] Deep underground laboratory measurement of $^{13}\text{C}(\alpha, n)^{16}\text{O}$ in the Gamow windows of the s- and i-processes	GAO FOR JUNA COLLABORATION, Bingshui
09:30	[39] $^{12}\text{C}+^{12}\text{C}$ fusion reaction rate from a microscopic model	TANIGUCHI, Yasutaka
09:50	[56] New Attempt to the $^{12}\text{C}(\alpha, n)^{16}\text{O}$ measurement with an active-target TPC and LaBr <sub>3</sub> arrays in a 3-T superconducting magnet	KIM, Shin Hyung