



# QNP2022 - The 9th International Conference on Quarks and Nuclear Physics

## Thursday, September 8, 2022

### Nuclear Strangeness: Parallel 4 (12:30 PM - 2:35 PM)

-Conveners: Jiri Mares

time	[id] title	presenter
12:30 PM	[101] Hypetriton lifetime and binding energy measurement with ALICE	BUFALINO, Stefania
12:55 PM	[139] Latest Results on Lifetimes and Binding Energies of A=3,4 Hypernuclei from STAR	LEUNG, Yue Hang
1:20 PM	[219] Recent pionless EFT studies of $\Lambda$ and $\Lambda\Lambda$ few-body hypernuclei	SCHÄFER, Martin
1:45 PM	[122] Newly completed JLab experiment (E12-17-003): Determine the unknown $\Lambda n$ interaction by investigating the possible $\Lambda_{nn}$ resonance	Prof. TANG, Liguang
2:10 PM	[75] Single- & double-strangeness hypernuclei up to A=8 within chiral EFT	LE, Hoai

# Friday, September 9, 2022

## Nuclear Strangeness: Parallel 3 (8:00 AM - 10:00 AM)

-Conveners: Megumi Naruki

time	[id] title	presenter
8:00 AM	[224] Experimental study of $\bar{K}$ NN and future $\bar{K}$ -nuclei experiments at J-PARC	YAMAGA, Takumi
8:25 AM	[126] Hyperon-proton scattering experiment at J-PARC	MIWA, Koji
8:50 AM	[150] Updated experimental insight into the $\overline{\text{K}}\text{N}$ interaction.	VAZQUEZ DOCE, Oton
9:15 AM	[145] Production of light $\Xi$ and double- $\Lambda$ hypernuclei at J-PARC	FUJIOKA, Hiroyuki
9:40 AM	[32] Search for the $\bar{K}\text{NN}$ bound state produced via in-flight $d(K^-, \Lambda p) \pi^-$ reaction	MURAYAMA, Rie J-PARC E31 COLLABORATION