



# HADRON2023

## Tuesday, 6 June 2023

### Hypernuclei and kaonic atoms: Session 1 - DAD - Room 1A (14:00 - 16:00)

-Conveners: Satoshi N. Nakamura

time	[id] title	presenter
14:00	[242] Measurements of Cross Sections and Polarizations of Lambda-Nucleon and Lambda-Deuteron Elastic Scattering with the CLAS Detector	Prof. ILIEVA, Yordanka
14:30	[77] Systematic measurements of the differential cross sections of Sigma-proton scatterings at J-PARC	Prof. MIWA, Koji
15:00	[277] Light $\Lambda$ -hypernuclei and CSB interaction	Prof. SCHÄFER, Martin
15:30	[170] p- and sd-shell $\Lambda$ -hypernuclei with shell model approach	Prof. UMEYA, Atsushi

### Hypernuclei and kaonic atoms: Session 2 - DAD - Room 1A (16:30 - 18:30)

-Conveners: Stefano Bianco

time	[id] title	presenter
16:30	[244] K- nucleon/nuclei interactions studies by AMADEUS at DAFNE	Dr PISCICCHIA, Kristian
17:00	[98] High precision kaonic atoms X-ray spectroscopy with the SIDDHARTA-2 experiment at the DAFNE collider	Dr SGARAMELLA, Francesco
17:20	[37] Kaonic atom optical potential by the high precision data of Kaonic He atoms	Dr HIRENZAKI, Satoru

# Wednesday, 7 June 2023

## Hypernuclei and kaonic atoms: Session 3 - DAD - Room 1A (14:00 - 16:00)

-Conveners: Hirokazu Tamura

time	[id] title	presenter
14:00	[31] $\Sigma^0$ -hypernuclei spectroscopy with the S-2S spectrometer	Prof. NAGAE, Tomofumi
14:28	[74] Double- $\Lambda$ and $\Xi$ hypernuclei : Findings and Prospects	Prof. NAKAZAWA, Kazuma
14:56	[190] The hypernuclear physics program at Jefferson Lab	Prof. ACHENBACH, Patrick
15:24	[205] Reaction spectroscopy of $\Lambda$ hypernuclei at JLab and J-PARC	Prof. NAKAMURA, Satoshi N.
15:42	[154] The WASA-FRS hypernuclear experiment and developments of machine learning analyses with graph neural network	Dr EKAWA, Hiroyuki

# Thursday, 8 June 2023

## Hypernuclei and kaonic atoms: Session 4 - DAD - Room 1A (14:00 - 16:00)

-Conveners: Alessandro Feliciello

time	[id] title	presenter
14:00	[226] The present and the future of hypernuclei at the LHC	Dr PUCCIO, Maximiliano
14:28	[246] Recent Hypernuclei Measurements from the STAR Experiment	Prof. VASSILIEV, Iouri
14:56	[134] High-resolution hypernuclear decay pion spectroscopy at MAMI and future	Prof. NAGAO, Sho
15:24	[250] Measurements of the hypertriton production and properties with ALICE	Prof. BUFALINO, Stefania
15:42	[111] Constraining coupled channels dynamics using femtoscopic correlations with ALICE at LHC	Dr LEA, Ramona