

APCTP Workshop on Nuclear Physics 2022: Physics of Excited Hadrons in the Present and Future Facilities

Monday, July 11, 2022

Session: 1 - Suite Hall (8:50 AM - 10:20 AM)

-Conveners: Yongseok Oh

time	[id] title	presenter
8:50 AM	[10] Opening	LEE, T.-S. H.
9:00 AM	[13] Nucleon Resonance Electrocouplings and Emergence of Hadron Mass	MOKEEV, Victor
9:40 AM	[12] Nucleon resonances/Pentaquark states in J/ψ photo-production reaction on the nucleon	LEE, T.-S. H.

Session: 2 - Suite Hall (10:40 AM - 11:45 AM)

-Conveners: Hiroyuki Sako

time	[id] title	presenter
10:40 AM	[6] Covariant quark model calculations of nucleon resonance transition form factors and more	RAMALHO, Gilberto

Tuesday, July 12, 2022

Session: 3 - Suite Hall (9:00 AM - 10:20 AM)

-Conveners: Victor Mokeev

time	[id] title	presenter
9:00 AM	[17] Physics Highlights and Perspectives with Electron Beams in Mainz	ACHENBACH, Patrick
9:40 AM	[21] Studies of baryon resonances with meson beams at J-PARC	SAKO, Hiroyuki

Session: 4 - Suite Hall (10:40 AM - 12:00 PM)

-Conveners: Atsushi Hosaka

time	[id] title	presenter
10:40 AM	[9] Combined Analysis of Photo- and Electroproduction Reactions with the Julich-Bonn-Washington Model	DOERING, Michael
11:20 AM	[16] Amplitude analysis and complete experiments for light baryon spectroscopy	WUNDERLICH, Yannick

Session: 5 - Suite Hall (2:00 PM - 3:20 PM)

-Conveners: Ho-Meoyng Choi

time	[id] title	presenter
2:00 PM	[2] Interaction between the eta meson and nucleus studied in coherent neutral-pion and eta-meson photoproduction on the deuteron	ISHIKAWA, Takatsugu
2:40 PM	[26] Studies on the $K^0 S^0$ bound-state via $K^+ p \rightarrow K^+ \phi p$	NAM, Seung-il

Wednesday, July 13, 2022**Session: 6 - Suite Hall (9:00 AM - 10:20 AM)****-Conveners: Chueng-Ryong Ji**

time	[id] title	presenter
9:00 AM	[22] Tetraquark bound and resonant states	HOSAKA, Atsushi
9:40 AM	[25] Studies of excited baryons with heavy flavors at J-PARC	NOUMI, Hiroyuki

Session: 7 - Suite Hall (10:40 AM - 12:00 PM)**-Conveners: Takatsugu Ishikawa**

time	[id] title	presenter
10:40 AM	[34] Electromagnetic interaction of baryon resonances in the timelike region studied via the reaction $\pi^+ N \rightarrow N e^+ e^-$	ZÉTÉNYI, Miklós
11:20 AM	[5] High luminosity experiments in Hall A at Jefferson Laboratory	CAMSONNE, Alexandre

Thursday, July 14, 2022**Session: 8 - Suite Hall (9:00 AM - 10:20 AM)****-Conveners: Patrick Achenbach**

time	[id] title	presenter
9:00 AM	[30] Physics with PANDA at FAIR	BRINKMANN, Kai-Thomas
9:40 AM	[39] The BGOOD experiment at ELSA and multi-quark structures in the uds-sector *	SCHMIEDEN, Hartmut

Session: 9 - Suite Hall (10:40 AM - 12:00 PM)**-Conveners: Hyun-Chul Kim**

time	[id] title	presenter
10:40 AM	[23] Searching for exotics/hybrids in multi-pion photoproductions: focusing on tensor meson photoproduction	YU, Byung-Geel
11:20 AM	[8] Chiral anomaly and the pion properties in the light-front quark model	CHOI, Ho-Meoyng

Session: 10 - Suite Hall (2:00 PM - 3:20 PM)**-Conveners: Hartmut Schmieden**

time	[id] title	presenter
2:00 PM	[15] Inclusive electron scattering off the proton with CLAS12	HAYWARD, Timothy
2:40 PM	[18] $K^- p \rightarrow K \Lambda$ reaction and Λ^* and Σ^* resonances	KIM, Sangho

Friday, July 15, 2022

Session: 11 - Suite Hall (9:00 AM - 10:20 AM)

-Conveners: Philip Cole

time	[id] title	presenter
9:00 AM	[31] Towards mechanical properties of the proton	BURKERT, Volker
9:40 AM	[7] Light-Front Quark Model Analysis of Radially Excited Pseudo-scalar and Vector Mesons	JI, Chueng-Ryong

Session: 12 - Suite Hall (10:40 AM - 12:00 PM)

-Conveners: Michael Doering

time	[id] title	presenter
10:40 AM	[14] The structure of singly heavy baryons in a pion mean-field approach	KIM, Hyun-Chul
11:20 AM	[19] Recent progress on radial excitation of hadron	ARIFI, Ahmad Jafar

Saturday, July 16, 2022

Session: 13 - Suite Hall (9:00 AM - 10:20 AM)

-Conveners: Victor Mokeev

time	[id] title	presenter
9:00 AM	[38] Exploring the production of N^*s with pion and electron beams	COLE, Philip
9:40 AM	[36] $\square \rightarrow \Delta$ Transition GPDs off Proton with CLAS12	JOO, Kyungseon

Session: 14 - Suite Hall (10:40 AM - 12:00 PM)

-Conveners: Kyungseon Joo

time	[id] title	presenter
10:40 AM	[11] The $\mathcal{S}\mathcal{S}$ matrices of elastic alpha-carbon-12 scattering at low energies in effective field theory	ANDO, Shung-Ichi
11:20 AM	[40] Closing	BURKERT, Volker