

International Workshop on Partial Wave Analyses and Advanced Tools for Hadron Spectroscopy (PWA13/ATHOS8)

Tuesday, May 28, 2024

Session - Brinkley Commons Room (9:00 AM - 10:50 AM)

-Conveners: Miriam Fritsch

time	[id] title	presenter
9:00 AM	[1] Welcome	AUSTREGESILO, Alexander
9:20 AM	[43] Properties and Signatures of Light Hybrid Mesons	SWANSON, Eric
10:05 AM	[36] Search for Exotic Hadrons in $\eta\pi$ and $\eta'\pi$ at GlueX	ALBRECHT, Malte

Session - Brinkley Commons Room (11:20 AM - 12:50 PM)

-Conveners: Miriam Fritsch

time	[id] title	presenter
11:20 AM	[14] Forward pion photoproduction with Regge phenomenology	MONTANA, Gloria
11:50 AM	[31] Photoproduction of KS Pairs at GlueX	HOFFMAN, Nathaniel
12:20 PM	[10] PWA of $K_s^0 K^{\pm}$ at COMPASS - ambiguities and physics results	BECKERS, Julien

Session - Brinkley Commons Room (2:00 PM - 3:45 PM)

-Conveners: Bill Briscoe

time	[id] title	presenter
2:00 PM	[44] Hadron Spectroscopy of Pentaquark Candidates at the LHCb experiment	TOU, Da Yu
2:45 PM	[20] Decay Graph Traversal and Wigner Rotations	HABERMANN, Kai
3:15 PM	[34] Model-independent phase correction to Amplitude Models.	RADEMACKER, Jonas

Session - Brinkley Commons Room (4:15 PM - 5:45 PM)

-Conveners: Bill Briscoe

time	[id] title	presenter
4:15 PM	[47] Radiative decay of the resonant K^{*} and the $\gamma K \rightarrow K \pi$ amplitude from lattice QCD	DUDEK, Jozef
4:45 PM	[16] Strange-Meson Spectroscopy with COMPASS	WALLNER, Stefan
5:15 PM	[8] (Remote) Amplitude Model Serialization Initiative	Prof. MIKHASENKO, Mikhail

Wednesday, May 29, 2024**Session - Brinkley Commons Room (9:00 AM - 10:45 AM)****-Conveners: Ulrich Wiedner**

time	[id] title	presenter
9:00 AM	[21] Coupled-channel meson electroproduction analysis	DORING, Michael
9:45 AM	[46] Exclusive η Electro-Production Beam Spin Asymmetry Measurements using CLAS12 at Jefferson Lab	ILLARI, Izzy
10:15 AM	[19] The Jülich-Bonn dynamical coupled-channel approach	SCHNEIDER, Christian

Session - Brinkley Commons Room (11:15 AM - 12:45 PM)**-Conveners: Ulrich Wiedner**

time	[id] title	presenter
11:15 AM	[28] The light meson regime from coupled-channel analyses	KÜSSNER, Meike
11:45 AM	[26] Timelike form factors of pseudoscalars in a coupled channel from lattice QCD	ORTEGA-GAMA, Felipe
12:15 PM	[25] Accelerating Coupled Channel Analyses Using the PAWIAN Framework	HANISCH, Frederike

Session - Brinkley Commons Room (2:00 PM - 3:45 PM)**-Conveners: Matthew Shepherd**

time	[id] title	presenter
2:00 PM	[49] Challenges in amplitude analyses for heavy-meson spectroscopy at LHCb	RADEMACKER, Jonas
2:45 PM	[32] Amplitude Analyses for Rare B decays	SMITH, Eluned Anne
3:15 PM	[13] Heavy meson spectroscopy in photoproduction	WINNEY, Daniel

Session - Brinkley Commons Room (4:15 PM - 5:45 PM)**-Conveners: Matthew Shepherd**

time	[id] title	presenter
4:15 PM	[39] Ambiguities in the Partial-Wave Analysis of Meson Photoproduction	BARRIGA, Edmundo
4:45 PM	[24] Non-parametric Partial Wave Analysis	NG, Lawrence
5:15 PM	[52] „All at Once“ - A new approach for Partial-Wave Analyses	PAUL, Stephan

Thursday, May 30, 2024

Session - Brinkley Commons Room (9:00 AM - 10:45 AM)

-Conveners: Stephan Paul

time	[id] title	presenter
9:00 AM	[17] Amplitude Analysis of $\tau \rightarrow \pi^+ \pi^- \pi^+ \pi^- \nu_\tau$ at Belle (II)	WALLNER, Stefan
9:30 AM	[33] Three-Hadron Systems from Lattice QCD	JACKURA, Andrew
10:15 AM	[23] Progress in Coupled-Channel Three-Pion Scattering for (in)Finite volume	FENG, Yuchuan

Session - Brinkley Commons Room (11:15 AM - 12:45 PM)

-Conveners: Stephan Paul

time	[id] title	presenter
11:15 AM	[18] Decays of heavy mesons: a theoretical perspective using effective field theories	BARON OSPINA, David Alejandro
11:45 AM	[41] Finite- and infinite-volume analysis of the tetraquark $T_{cc}^{++}(3875)$	DAWID, Sebastian
12:15 PM	[29] Formulating K-matrix dynamics and spin alignment with symbolic expressions	PÖPPING, Lena DE BOER, Remco

Friday, May 31, 2024**Session - Brinkley Commons Room (9:15 AM - 10:30 AM)****-Conveners: Jonas Rademacker**

time	[id] title	presenter
9:15 AM	[38] Amplitude analysis of heavy meson systems at BESIII	HUESKEN, Nils
10:00 AM	[11] (Remote) Dispersive analysis of $\eta(1405/1475)$ on the recent BESIII $J/\psi \rightarrow \gamma K^0_S \bar{K}^0_S \pi^0$	QIU, Lin

Session - Brinkley Commons Room (11:00 AM - 12:55 PM)**-Conveners: Jonas Rademacker**

time	[id] title	presenter
11:00 AM	[27] (Remote) Single-channel, single-energy partial-wave analysis with minimal phase constraints	SVARC, Alfred
11:45 AM	[42] Truncated partial-wave analysis using Bayesian statistics	WUNDERLICH, Yannick
12:15 PM	[7] Nucleon resonance parameters from Roy-Steiner equations	HOFERICHTER, Martin
12:45 PM	[53] REYES	BRICENO, Raul BRICENO, Raul

Session - Brinkley Commons Room (2:00 PM - 3:45 PM)**-Conveners: Sean Dobbs**

time	[id] title	presenter
2:00 PM	[3] Towards machine learning the hadron spectrum	FERNANDEZ-RAMIREZ, Cesar
2:45 PM	[45] Generative modelling for CLAS analysis	SPREAFICO, Marco
3:15 PM	[2] From pole parameters to line shapes, partial widths, and branching ratios	HEUSER, Leon

Session - Brinkley Commons Room (4:15 PM - 5:45 PM)**-Conveners: Sean Dobbs**

time	[id] title	presenter
4:15 PM	[30] Dispersive determination of the σ resonance from lattice QCD	RODAS, Arkaitz
4:45 PM	[40] Production of the $b_1(1235)$ at the GlueX experiment	SCHERTZ, Amy
5:15 PM	[37] The strangest non-strange meson is not so strange after all	Dr CECl, Sasa

Saturday, June 1, 2024

Session - Brinkley Commons Room (9:00 AM - 10:30 AM)

-Conveners: Jozef Dudek

time	[id] title	presenter
9:00 AM	[5] (Remote) Amplitude analysis on photon-photon scattering into two mesons	DAI, Lingyun
9:30 AM	[22] Resonance production in double gap events and exclusive four pion photoproduction in ultra-peripheral Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV at ALICE	SCHICKER, Rainer
10:00 AM	[48] Meson Spectroscopy with CLAS12 at Jefferson Lab	Dr FEGAN, Stuart

Session - Brinkley Commons Room (11:00 AM - 12:15 PM)

-Conveners: Jozef Dudek

time	[id] title	presenter
11:00 AM	[9] Spin density matrix elements of the $\Delta^{++}(1232)$	SHASTRY, Vanamali
11:30 AM	[51] Lattice QCD study of coupled-channel meson-baryon scattering and the $\Lambda(1405)$ resonance	MOSCOSO, Joseph
12:00 PM	[50] Closing remarks	AUSTREGESILO, Alexander Mr GRUBE, Boris STEVENS, Justin