

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

Monday, September 5, 2022

Hadron Spectroscopy: (light mesons) - Parallel 2 (12:30 PM - 2:30 PM)

-Conveners: Gernot Eichmann

time	[id] title	presenter
12:30 PM	[91] Coupled Channel Partial Wave Analysis for Light Meson Spectroscopy	Dr KOPF, Bertram
12:55 PM	[200] Amplitude Analysis of $a_2 \rightarrow \eta \pi$ at GlueX	GLEASON, Colin
1:20 PM	[121] The σ as a bound, virtual bound and resonance estate.	RODAS, Arkaitz
1:45 PM	[79] The resonant K^* in $K \gamma \rightarrow K \pi$ from first principles QCD	RADHAKRISHNAN, Archana
2:10 PM	[44] Light hadron spectroscopy at BESIII	HUESKEN, Nils

Hadron Spectroscopy: (baryons) - Parallel 2 (3:00 PM - 5:00 PM)

-Conveners: Victor Mokeev

time	[id] title	presenter
3:00 PM	[237] Studies of Excited Nucleon Structure with CLAS and CLAS12	JOO, Kyungseon
3:25 PM	[78] Role of a triangular singularity in the $\gamma p \rightarrow p \pi^0 \eta$ reaction	METAG, Volker
3:50 PM	[233] Baryon spectroscopy results from the Bonn-Gatchina-PWA	SARANTSEV, Andrey
4:15 PM	[68] Measurement of Photoproduced Baryon-antiBaryon Pairs at GlueX	LI, Hao
4:35 PM	[55] Polarization Observables from Strangeness Photoproduction on a Polarised Target at Jefferson Lab	FEGAN, Stuart

Tuesday, September 6, 2022

Hadron Spectroscopy: (light mesons, exotics) - Parallel 2 (12:30 PM - 2:45 PM)

-Conveners: Sean Dobbs

time	[id] title	presenter
12:30 PM	[151] Meson Spectroscopy	Dr PILLONI, Alessandro
12:55 PM	[252] New discoveries of the exotic states at LHCb	MIKHASENKO, Mikhail
1:20 PM	[246] Hadron structure and spectroscopy with functional methods	EICHMANN, Gernot
1:45 PM	[45] XYZ particles at BESIII	JACKSON, Joshua
2:05 PM	[137] On the $Z_{cs}(3985)$ and $X(3960)$ states: towards HQSS and SU(3) multiplet descriptions	ALBALADEJO, Miguel
2:25 PM	[99] Three reactions to observe the $J^{PC}=1^{++}$, $J^{PC}=2^{++}$ partners of the $X_0(2900)$ considered as a $D^* \bar{K}$ molecule.	Prof. OSET, Eulogio

Hadron Spectroscopy: (interactions) - Parallel 5 (3:00 PM - 5:00 PM)

-Conveners: Colin Gleason

time	[id] title	presenter
3:00 PM	[95] Status of hadronic molecules	GUO, Feng-Kun
3:25 PM	[105] Doubly charm tetraquark from lattice QCD	PRELOVSEK, Sasa
3:50 PM	[77] Two-baryon interactions from lattice QCD	ILLA, Marc
4:15 PM	[144] New experimental frontiers in the study of the hadronic interactions with ALICE at the LHC	DEL GRANDE, Raffaele
4:40 PM	[17] Investigating the Hadrons scattering models introduced in PYTHIA8	FIRDOUS, Nameeqa

Hadron Spectroscopy: (baryons) - Parallel 2 (3:15 PM - 4:55 PM)

-Conveners: Simon Capstick

time	[id] title	presenter
3:15 PM	[102] Baryons in Charmonium decays at BESIII	Prof. PING, Rong-Gang
3:40 PM	[47] Intermediate $\pi^0 \pi^{\pm}$ production channels off nucleons in the Deuteron with the A2 Experiment	Dr LUTTERER, Sebastian
4:05 PM	[4] Single-pion photoproduction contribution to the Gerasimov--Drell--Hearn sum rule and related integrals	STRAKOVSKY, Igor
4:25 PM	[123] Predictions on the Ω_{cc} , Ω_{bc} and Ω_{bb} states	WANG, Wen-Fei

Wednesday, September 7, 2022

Hadron Spectroscopy: Parallel 2 (12:30 PM - 2:45 PM)

-Conveners: Alexander Ostrovidov

time	[id] title	presenter
12:30 PM	[94] Triangle singularities in hadronic reactions	GUO, Feng-Kun
12:55 PM	[179] Heavy-flavor mesons in a hot mesonic bath	MONTAÑA FAIGET, Glòria
1:20 PM	[236] Towards the nature of exotic states from experimental line shapes	BARU, Vadim
1:45 PM	[93] Exotic molecular meson states of open bottom and strange flavors	Dr ROCA, Luis
2:05 PM	[84] The new LHCb state $X(3960)$ seen in $D_{s^+} D_{s^-}$ should be the same as the $X(3930)$ seen in $D^{*+} D^{-}$	BAYAR, Melahat
2:25 PM	[100] Quantum phase transition in tetraquarks	JALILI, Amir Prof. SEGOVIA, Jorge

Hadron Spectroscopy: (Hyperons) - Parallel 2 (3:00 PM - 5:05 PM)

-Conveners: Michael Doring

time	[id] title	presenter
3:00 PM	[175] JLab strange baryon physics program	PAULI, Peter
3:25 PM	[109] Hyperon decays and production	LI, He
3:50 PM	[54] Decay of the $\Lambda(1405)$ to $\Sigma^0 \pi^0$ measured at GlueX	WICKRAMAARACHCHI, Nilanga
4:15 PM	[181] $\Lambda(1405)$ mediated triangle singularity in $K^-\pi^0 \rightarrow p \Sigma^-$: a window to $\bar{K}N$ subthreshold amplitudes	FEIJOO ALIAU, Albert
4:40 PM	[56] Towards the Discovery of First Strange Hexaquark with CLAS12	CLASH, Geraint

Thursday, September 8, 2022

Hadron Spectroscopy: Parallel 5 (12:30 PM - 2:45 PM)

-Conveners: Eulogio Oset

time	[id] title	presenter
12:30 PM	[272] Hadron spectroscopy at LHCb	DZYUBA, Alexey
12:55 PM	[160] Excited state hadrons in D-pi, D-K scattering from lattice QCD	WILSON, David
1:20 PM	[142] Few-Body Dynamics from QCD	JACKURA, Andrew
1:45 PM	[208] The role of meson interactions in the $D_s^+ \rightarrow \pi^+ \pi^+ \pi^- \eta$ decay	SONG, Jing OSET, Eulogio FEIJOO ALIAU, Albert
2:05 PM	[124] Molecular picture of $\Omega(2012)$	IKENO, Natsumi
2:25 PM	[31] Spectroscopic analysis of Exotic Hadrons using Effective theories	SHARMA, Ankush

Friday, September 9, 2022

Hadron Spectroscopy: Parallel 1 (8:00 AM - 9:55 AM)

-Conveners: Bertram Kopf

time	[id] title	presenter
8:00 AM	[187] Emergence of hadron mass and structure	ROBERTS, Craig
8:25 AM	[238] Structure of low-lying baryon resonances	LEINWEBER, Derek
8:50 AM	[221] Confinement and Coulomb Gauge Lattice QCD	SMITH, Wyatt
9:15 AM	[211] pentaquark states in the molecular picture	LIU, Ming-Zhu
9:35 AM	[98] $D^0 D^0 \pi^+$ mass distribution in the production of the T_{cc} exotic state	LIANG, Wei-Hong