

XVIth Quark Confinement and the Hadron Spectrum

Monday 19 August 2024

Light Quarks: B1a (Parallel B) - Plenary 1 (14:00 - 15:30)

-Conveners: Tetsuo Hatsuda

time	[id] title	presenter
14:00	[171] Recent results from GlueX	HURCK, Peter
14:30	[95] Lattice extraction of the TMD soft function and the CS kernel using for the Wilson line an auxiliary fields approach	LIN, C.-J. David
15:00	[40] Parton structure from JAM global QCD analysis	MELNITCHOUK, Wally MELNITCHOUK, Wally

Light Quarks: B1b (Parallel B) - Plenary 1 (16:00 - 18:00)

-Conveners: Bernhard Ketzer

time	[id] title	presenter
16:00	[35] Light scalar mesons in semileptonic decay of charm meson at BESIII	Dr ZHANG, Shulei
16:20	[46] Linear relation between the Gluon EMC effect and short-range correlation	ZHAO, Shuai
16:40	[192] Precision measurements with kaon and pion decays at the NA62 experiment at CERN	HUSEK, Tomáš
17:00	[237] Revealing the transverse force distributions in the nucleon from lattice QCD	YOUNG, Ross
17:30	[337] Longitudinal and transverse PDFs of hadrons - from COMPASS to AMBER	Dr PARSAMYAN, Bakur

Tuesday 20 August 2024

Light Quarks: B2a (Parallel B) - Plenary 1 (14:00 - 15:30)

-Conveners: Andreas Kronfeld

time	[id] title	presenter
14:00	[327] The current JLab 12 GeV and future EIC research programs	Dr QIU, Jianwei
14:30	[98] Gluonic Energy-Momentum Tensor Form Factors of the Proton	MEZIANI, Zein-Eddine
15:00	[67] New results on the determination of α_s from hadronic tau decay data	MALTMAN, Kim

Light Quarks: B2b (Parallel B) - Plenary 1 (16:00 - 17:30)

-Conveners: James Zanotti

time	[id] title	presenter
16:00	[222] Understanding the nature of the Delta(1600) Resonance	Dr ABELL, Curtis
16:20	[354] Gravitational Form Factors of the Proton	ELOUADRHIRI, Latifa
16:40	[79] NNLO QCD Corrections to Pion EM form factors	CHEN, Long-Bin
17:00	[350] Nucleon electric polarizabilities and nucleon-pion scattering from lattice QCD	FENG, Xu

Wednesday 21 August 2024

Light Quarks: B3aI (Parallel B) - Plenary 1 (14:00 - 16:00)

-Conveners: Adam Szczepaniak

time	[id] title	presenter
14:00	[178] Form Factors of Light Pseudoscalar Mesons - A Schwinger-Dyson Equations Perspective	BASHIR, Adnan
14:30	[153] Recent results on baryon spectroscopy at ELSA and MAMI	Ms AFZAL, Farah
15:00	[240] Spectroscopy of Strange Mesons with COMPASS and AMBER	WALLNER, Stefan
15:30	[235] Higher moments of parton distribution functions using gradient flow	PEFKOU, Dimitra

Light Quarks: B3bI (Parallel B) - Plenary 1 (16:30 - 18:30)

-Conveners: Zhan-Wei Liu

time	[id] title	presenter
16:30	[30] Light QCD exotics at BESIII	LIU, Beijiang
17:00	[164] Pion and kaon electromagnetic and gravitational form factors	RODRIGUEZ QUINTERO, José
17:30	[84] Gravitational form factors of the nucleon and their mechanical structure: Twist-2 case	KIM, Hyun-Chul
17:50	[73] Study of the sub-leading twist GTMD $E_{21}^{\nu}(x, p_{\perp}, \Delta_{\perp}, \theta)$ for proton in light-front quark-diquark model.	DAHIYA, Harleen
18:10	[167] Compton Amplitude of the Pion using Feynman-Hellmann	MCKEE, Jordan

Thursday 22 August 2024

Light Quarks: B4a1 (Parallel B) - M2 (11:00 - 13:00)

-Conveners: Peter Hurck

time	[id] title	presenter
11:00	[245] Pole trajectories of the $\Lambda(1405)$ towards the SU(3) limit	MOLINA PERALTA, Raquel
11:20	[62] Recent results of Baryon electromagnetic form factors at BESIII	Mr SHI, Hua
11:40	[181] Radiative modes $K^+ \rightarrow \pi^+ \gamma^* \gamma^*$ and $K^+ \rightarrow \pi^+ \ell \ell' (\gamma)$ decays	HUSEK, Tomáš
12:00	[267] Triangle singularity in the $J/\psi \rightarrow \phi \pi^+ a_0^-(\pi^-\eta); \phi \pi^+ a_0^+(\pi^+\eta)$ decays	LIANG, Wei-Hong
12:30	[293] Precision Studies of the Neutron Spin Structure using a Polarized Helium-3 Target at Jefferson Lab	KORSCH, Wolfgang

Light Quarks: B4aII (Parallel B) - Plenary 1 (11:00 - 13:00)

-Conveners: Gernot Eichmann

time	[id] title	presenter
11:00	[170] Multi-nucleon matrix elements on the lattice with e-graph optimised Wick contractions and the Feynman-Hellmann theorem	HUMPHREY, Nabil
11:20	[58] Electromagnetic properties and hadron structures	Dr LIU, Zhan-Wei
11:40	[38] Polyakov loop and QCD equation of state	LU, Yi
12:00	[68] Spatial imaging of the proton from a light-front Hamiltonian approach	ZHAO, Xingbo
12:30	[56] Isospin violation effects in the pion-nucleon sigma-term	HOFERICHTER, Martin

Light Quarks: B4b (Parallel B) - Plenary 1 (14:00 - 15:30)

-Conveners: Chengping Shen

time	[id] title	presenter
14:00	[221] Recent Progrès In Searches for Light Exotic Hybrids	SZCZEPANIAK, Adam
14:30	[77] Direct Measurement of Radiative Photons in P _{Rad}	PENG, Chao
15:00	[172] The parity-odd structure function of the nucleon from the Compton amplitude in lattice QCD	Dr CAN, K. Utku

Light Quarks: B4cII (Parallel B) - M3 (16:00 - 17:30)

-Conveners: Kim Maltman

time	[id] title	presenter
16:00	[118] Gluons from the Dressing of Quarks: Parton Momentum Fraction, Spin, and Mass Distribution	TANDY, Peter
16:30	[220] Hyperon electromagnetic form factors in VMD model	Dr XIE, Ju-Jun
16:50	[205] Single spin asymmetry among hyperons using scalar diquark model	DAHIYA, Harleen
17:10	[251] Lightcone and quasi distribution amplitudes for light octet and decuplet baryons	Dr ZENG, Jun

Light Quarks: B4cI (Parallel B) - Plenary 1 (16:00 - 17:30)**-Conveners: Mark Wise**

time	[id] title	presenter
16:00	[259] Study of the $f_0(1710)$ and $a_0(1710)$ states	XIAO, Chu-Wen
16:30	[149] Measurement of Polarization of Ξ^- Production at $\sqrt{s}=2.15$ GeV/c ²	KANG, Byungmin
16:50	[148] Double-Strangeness Production in (K^-, K^+) Reaction	ŶJUNG, Wooseung
17:10	[32] Strange sea quark-gluon effect to the charge radii and quadrupole moment of nucleons	Ms BHALL, Preeti