

e-HUGS 2021

Wednesday, June 16, 2021

Student seminars: Poster session (1:30 PM - 4:00 PM)

time	[id] title	presenter
1:30 PM	[90] (01) Short Range Quark-Quark Interactions and Nucleon StructureFunction at High Bjorken x	MAEROVITZ, Joseph
1:35 PM	[91] (02) Introduction to Light-Front Dynamics	SAHA, Sudeep
1:40 PM	[92] (03) CREX Transverse Asymmetry Measurements	RADLOFF, Robert
1:45 PM	[93] (04) Quirks of QCD: Twist-2 Operators on the Lattice	CLARINGBOLD, Tangereen
1:50 PM	[94] (05) Many proton knock-out from nuclear target using real	WILLIAMS, Rhidian
1:55 PM	[95] (06) Shower and Pre-Shower calibration in JLab Hall A	SRIDHAR, Nandhu
2:00 PM	[96] (07) Pion Nucleon Scattering in BChPT combined with $1/N_c$ Expansion	JAYAKODIGE, Dulitha
2:05 PM	[97] (08) Measuring Neutron Polarization	BOOTH, William
2:15 PM	[99] (10) Proton 3D tomography	MAXIA, Luca
2:20 PM	[100] (11) Short Range Correlations with CLAS12	DENNISTON, Andrew
2:25 PM	[101] (12) Factorization of Lepton Radiation in SIDIS	CAMMAROTA, Justin
2:30 PM	[102] (13) Spin Density Matrix Elements for Polarised $p(770)$ Photoproduction at GlueX	FITCHES, James
2:35 PM	[103] (14) Heavy quark diffusion in QCD matter : Plasma vs Glasma	., Pooja
2:40 PM	[104] (15) A Study go $\gamma p \rightarrow K_S K_S p$ with the GlueX Experiment	RODRIGUEZ LINERA, Gabriel
2:45 PM	[105] (16) Saturation Corrections for the High Momentum Spectrometer in Hall C	MURPHY, Jacob
2:55 PM	[107] (18) Probing gluon Sivers function through prompt photon production.	PADVAL, Siddhesh
3:00 PM	[108] (19) Synchrotron Radiation Background Studies for an EIC	PLOEN, Christine
3:05 PM	[109] (20) A Study of Time-Like Compton Scattering on the Neutron, and a Look into the Feasibility of TCS at the Electron Ion Collider	GATES, Kayleigh
3:15 PM	[112] (22) Measuring Longitudinal Beam Polarization Using Moller Polarimetry: Magneto Optical Kerr Effect	EVANS, Katherine
3:20 PM	[111] (23) The Constituent Counting Rule and Omega Photoproduction	REED, Trevor
3:25 PM	[113] (24) Elastic Compton scattering on ^3He at HIGS	ZHOU, Jingyi
3:30 PM	[114] (25) Charge Symmetry Violation Quark Distributions via Precise Measurement of $\pi^+\pi^-$ Ratios in Semi-inclusive Deep Inelastic Scattering	JIA, Shou
3:35 PM	[115] (26) Measuring the Deuterium Inclusive and Semi-Inclusive Pion Production Cross Section in CLAS12	FOGLER, Caleb

Thursday, June 17, 2021

Student seminars (9:00 AM - 10:00 AM)

-Conveners: Chair: Astrid

time	[id] title	presenter
9:00 AM	[70] Magnetic field effect on Higgs boson production rate through gluon fusion	JABER-URQUIZA, Jorge
9:15 AM	[71] Relations between TMDs and GPDs in light front quark diquak model(LFQDM)	CHOUDHARY, Poonam
9:30 AM	[72] Global fits in TMD phenomenology	CERUTTI, Matteo
9:45 AM	[73] Exclusive Double Drell-Yan factorization and GTMDs	GUTIERREZ, Patricia Andrea

Student seminars (10:15 AM - 11:00 AM)

-Conveners: Chair: Astrid

time	[id] title	presenter
10:15 AM	[74] Search for very strange dibaryon	NICOL, Matthew
10:30 AM	[75] Probing linearly polarized gluon distribution in J/ψ electroproduction at electron-ion collider	KISHORE, Raj
10:45 AM	[76] Manifestation of quantum correlation in the helicity amplitudes	DAYANANDA, Deepasika

Student seminars (11:15 AM - 12:00 PM)

-Conveners: Chair: Juan

time	[id] title	presenter
11:15 AM	[77] The Gen-RP Experiment and Neutron Electromagnetic Form Factor Measurements on the SBS at JLab	BOYD, John
11:30 AM	[78] The D-Term: Last Item on the Checklist	DOTSON, Andrew
11:45 AM	[79] Transverse momentum dependent cross-section factorization for dijet and heavy-meson pair processes in DIS	FERNÁNDEZ DEL CASTILLO, Rafael

Student seminars (1:00 PM - 2:00 PM)

-Conveners: Chair: Juan

time	[id] title	presenter
1:00 PM	[80] Double Target system for the Run Group E experiment in CLAS12	RIOS, Rene
1:15 PM	[81] NLO Corrections to Di-Hadron Production in DIS Using the Color Glass Condensate Formalism	BERGABO, Filip
1:30 PM	[82] Helicity Evolution at Small x : the Single-Logarithmic Contribution	TAWABUTR, Yossathorn
1:45 PM	[83] Overview of MUSE Experiment	LIN, Wan

Student seminars (2:15 PM - 3:00 PM)

-Conveners: Chair: Alex

time	[id] title	presenter
2:15 PM	[84] Probing the Spin Structure of the Nucleon: Neutron g_2 and d_2	ROY, Murchhana
2:30 PM	[85] Study of D0 mesons-hadrons femtoscopic correlations within STAR experiment	ROY CHOWDHURY, Priyanka
2:45 PM	[86] Measurement of p+d/p+p charmonium cross section ratio with 120 GeV proton beam in the SeaQuest experiment	LEUNG, Ching Him

Student seminars (3:15 PM - 4:00 PM)

-Conveners: Chair: Alex

time	[id] title	presenter
3:15 PM	[87] Momentum tomography of light mesons	KAUR, Satvir
3:30 PM	[88] JAM-small x Phenomenology	ADAMIAK, Daniel
3:45 PM	[89] Probing nucleon structure at next-to-leading order	MARTINEZ -FERNANDEZ, Victor

Friday, June 18, 2021

Student seminars (9:00 AM - 10:00 AM)

-Conveners: Chair: Filippo

time	[id] title	presenter
9:00 AM	[60] Jlab SBS Program to Measure Nucleon Elastic Electromagnetic Form Factors at High Q^2 and "Gas Electron Multiplier" Detectors	RATHNAYAKE, Anuruddha
9:15 AM	[61] Pion parton distribution functions in the light-front formalism	VENTURINI, Simone
9:30 AM	[62] Beam Asymmetry measurement from η' photoproduction and its $-t$ dependence	PAUDEL, Churamani
9:45 AM	[63] Pion SIDIS analysis from RG-A	CAPOBIANCO, Richard

Student seminars (10:15 AM - 11:00 AM)

-Conveners: Chair: Filippo

time	[id] title	presenter
10:15 AM	[64] Looking Ahead to 22 GeV: A1n in Hall C	COTTON, Cameron
10:30 AM	[65] Investigating the gluonic structure of proton at small-x	KUMAR, Arjun
10:45 AM	[66] phi mesons in dense and strange hadronic matter	KUMAR, Rajesh

Student seminars (11:15 AM - 12:00 PM)

time	[id] title	presenter
11:15 AM	[67] Study of the $\Lambda\Sigma^0$ electroproduction at JLab Hall A	OKUYAMA, Kazuki
11:30 AM	[68] Measurement of Polarization Observables and Beam-Spin Asymmetry for Double Pion Electroproduction off the Proton	MCLAUHLIN, Chris
11:45 AM	[69] Cancellation of Infrared Divergences using Coherent States	BHAMRE, Deepesh

Student seminars: Prize Ceremony and Farewell (3:15 PM - 4:45 PM)

-Conveners: Chair: