

e-HUGS 2021

Wednesday, June 16, 2021

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

time	[id] title	presenter
1:30 P	[M00] (01) Short Range Quark-Quark Interactions and Nucleon Structure Function at High Bjorken x	MAEROVITZ, Joseph
1:35 P	[M01] (02) Introduction to Light-Front Dynamics	SAHA, Sudeep
1:40 P	[M02] (03) CREX Transverse Asymmetry Measurements	RADLOFF, Robert
1:45 P	[M03] (04) Quirks of QCD: Twist-2 Operators on the Lattice	CLARINGBOLD, Tangereen
1:50 P	[M04] (05) Many proton knock-out from nuclear target using real	WILLIAMS, Rhidian
1:55 P	[M05] (06) Shower and Pre-Shower calibration in JLab Hall A	SRIDHAR, Nandhu
2:00 P	[M06] (07) Pion Nucleon Scattering in BChPT combined with $1/N_c$ Expansion	JAYAKODIGE, Dulitha
2:05 P	[M07] (08) Measuring Neutron Polarization	BOOTH, William
2:15 P	[M09] (10) Proton 3D tomography	MAXIA, Luca
2:20 P	[M00] (11) Short Range Correlations with CLAS12	DENNISTON, Andrew
2:25 P	[M01] (12) Factorization of Lepton Radiation in SIDIS	CAMMAROTA, Justin
2:30 P	[M02] (13) Spin Density Matrix Elements for Polarised $\rho(770)$ Photoproduction at GlueX	FITCHES, James
2:35 P	[M03] (14) Heavy quark diffusion in QCD matter : Plasma vs Glasma	., Pooja
2:40 P	[M04] (15) A Study go gamma $p \rightarrow K_s K_{sp}$ with the GlueX Experiment	RODRIGUEZ LINERA, Gabriel
2:45 P	[M05] (16) Saturation Corrections for the High Momentum Spectrometer in Hall C	MURPHY, Jacob
2:55 P	[M07] (18) Probing gluon Sivers function through prompt photon production.	PADVAL, Siddhesh
3:00 P	[M08] (19) Synchrotron Radiation Background Studies for an EIC	PLOEN, Christine
3:05 P	[M09] (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 P	[M12] (22) Measuring Longitudinal Beam Polarization Using Moller Polarimetry: Magneto Optical Kerr Effect	EVANS, Katherine
3:20 P	[M11] (23) The Constituent Counting Rule and Omega Photoproduction	REED, Trevor
3:25 P	[M13] (24) Elastic Compton scattering on ^3He at HIGS	ZHOU, Jingyi
3:30 P	[M14] (25) Charge Symmetry Violation Quark Distributions via Precise Measurement of π^+/π^- Ratios in Semi-inclusive Deep Inelastic Scattering	JIA, Shou
3:35 P	[M15] (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	[M0] Magnetic field effect on Higgs boson production rate through gluon fusion	JABER-URQUIZA, Jorge
9:15 AM	[M1] Relations between TMDs and GPDs in light front quark diquak model(LFQDM)	CHOUDHARY, Poonam
9:30 AM	[M2] Global fits in TMD phenomenology	CERUTTI, Matteo
9:45 AM	[M3] 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	[M4] Search for very strange dibaryon	NICOL, Matthew
10:30 AM	[M5] Probing linearly polarized gluon distribution in J/ ψ electroproduction at electron-ion collider	KISHORE, Raj
10:45 AM	[M6] 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	[M7] The Gen-RP Experiment and Neutron Electromagnetic Form Factor Measurements on the SBS at JLab	BOYD, John
11:30 AM	[M8] The D-Term: Last Item on the Checklist	DOTSON, Andrew
11:45 AM	[M9] 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	[M0] Double Target system for the Run Group E experiment in CLAS12	RIOS, Rene
1:15 PM	[M1] NLO Corrections to Di-Hadron Production in DIS Using the Color Glass Condensate Formalism	BERGABO, Filip
1:30 PM	[M2] Helicity Evolution at Small x: the Single-Logarithmic Contribution	TAWABUTR, Yossathorn
1:45 PM	[M3] Overview of MUSE Experiment	LIN, Wan

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

-Conveners: Chair: Alex

time	[id] title	presenter
------	------------	-----------

2:15 P	[14] Probing the Spin Structure of the Nucleon: Neutron g_2 and d_2	ROY, Murchhana
2:30 P	[15] Study of D0 mesons-hadrons femtoscopic correlations within STAR experiment	ROY CHOWDHURY, Priyanka
2:45 P	[16] 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 P	[17] Momentum tomography of light mesons	KAUR, Satvir
3:30 P	[18] JAM-small x Phenomenology	ADAMIAK, Daniel
3:45 P	[19] 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	[10] Jlab SBS Program to Measure Nucleon Elastic Electromagnetic Form Factors at High Q^2 and "Gas Electron Multiplier" Detectors	RATHNAYAKE, Anuruddha
9:15 AM	[11] Pion parton distribution functions in the light-front formalism	VENTURINI, Simone
9:30 AM	[12] Beam Asymmetry measurement from eta' photoproduction and its -t dependence	PAUDEL, Churamani
9:45 AM	[13] 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	[14] Looking Ahead to 22 GeV: A1n in Hall C	COTTON, Cameron
10:30 AM	[15] Investigating the gluonic structure of proton at small-x	KUMAR, Arjun
10:45 AM	[16] 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	[17] Study of the Λ/Σ^0 electroproduction at JLab Hall A	OKUYAMA, Kazuki
11:30 AM	[18] Measurement of Polarization Observables and Beam-Spin Asymmetry for Double Pion Electroproduction off the Proton	MCLAUHLIN, Chris
11:45 AM	[19] Cancellation of Infrared Divergences using Coherent States	BHAMRE, Deepesh

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

-Conveners: Chair: