

2023 EIC User Group Early Career Workshop

Sunday, July 23, 2023

Physics: Physics 1 (10:10 AM - 12:30 PM)

-Conveners: Daniel Adamiak

time	[id] title	presenter
10:10 AM	[3] Gluon Propagator in Background Field at Next-to-Eikonal Order	MULANI, Swaleha
10:30 AM	[13] Gluon TMD modeling for proton 3D imaging	CELIBERTO, Francesco Giovanni
10:50 AM	[9] Comparison of the projectile fragmentation reaction in GEANT4 against EPAX formula for rare isotopes studies (NO SHOW)	Dr AMAR, Sokhna Bineta Lo
11:10 AM	Coffee	
11:30 AM	[33] Observables for electro-scattering on targets with arbitrary spin	VERA, Frank
11:50 AM	[21] ep DVCS at EIC	RAMASUBRAMANIAN, Niveditha
12:10 PM	[7] Simulation studies of the pair spectrometer luminosity detector for the ePIC experiment at the EIC	GIRI, Aranya

Physics: Physics 2 (2:40 PM - 5:40 PM)

-Conveners: Sebouh Paul

time	[id] title	presenter
2:40 PM	[2] PERFORMANCE STUDY OF SiPM SENSORS FOR THE dRICH DETECTOR AT THE ePIC EXPERIMENT	OCCHIUTO, Luisa Rosa Maria
3:00 PM	[10] Irradiation and annealing studies on SiPM sensors for the EPIC-dRICH detector	RUBINI, Nicola
3:20 PM	[5] R&D for the backward-endcap ECal of ePIC	PILLEUX, Noémie
3:40 PM	[29] Test beam studies of a high-granularity "SiPM-on-tile" calorimeter insert for the EIC	CARNEY, Peter
4:00 PM	Coffee	
4:20 PM	[36] Performance and Calibration of the ePIC Barrel HCal	ANDERSON, Derek
4:40 PM	[25] Forward HCal	SCHMIDT, Nicolas
5:00 PM	[34] Probing the saturation regime with forward photon+jet production in pp and pPb	GANGULI, Ishita
5:20 PM	[35] Forward dijets in proton-proton and proton-lead collisions	KAKKAD, HIREN

Monday, July 24, 2023

Physics: Physics 3 (10:10 AM - 12:30 PM)

-Conveners: Joshua Crafts

time	[id] title	presenter
10:10 AM	[8] Exclusive Diffractive and Tagging Physics with ePIC	Mr PENMAN, Gary
10:30 AM	[14] u -Channel Virtual Compton Scattering (VCS) at the EIC	SWEGGER, Zachary
10:50 AM	[4] Impact of Double DVCS in current and new experiments	MARTINEZ-FERNANDEZ, Victor
11:10 AM	Coffee	
11:30 AM	[28] ePIC Far Backward Overview	Dr KAY, Stephen
11:50 AM	[30] Probing the exclusive vector meson production at the EIC	Dr PITT, Michael
12:10 PM	[6] Simulations on the X(3872) Exotic Meson Candidate	KIRCHNER, Eric

Physics: Physics 4 (2:40 PM - 5:00 PM)

-Conveners: Frank Vera

time	[id] title	presenter
2:40 PM	[12] Phenomenology for forward particle production in pA collisions in CGC framework	Ms WANG, Manman
3:00 PM	[11] Nucleon Energy-Energy Correlator in Lepton-Nucleon Collisions	CAO, Haotian
3:20 PM	[15] Lepton-hadron collisions in MadGraph5_aMC@NLO	MANNA, LABONI
3:40 PM	Coffee	
4:00 PM	[37] Λ -hyperon spin-spin correlations at ePIC	VANEK, Jan
4:20 PM	[32] A SiPM-on-tile ZDC	PREINS, Sean
4:40 PM	[31] Measuring soft photons in eA collisions using the B0 detector	Mr MAUNTER, Eden