

DIS2022: XXIX International Workshop on Deep-Inelastic Scattering and Related Subjects

Tuesday 3 May 2022

WG6: Future Experiments: Session 1 (09:20 - 18:50)

-Conveners: Yulia Furltova; Michela Chiosso; Alessandro Polini

time	[id] title	presenter
09:40	[78] Overview on the LHeC and FCC-he: physics and accelerator	SCHWANENBERGER, Christian
10:00	[294] Overview of the physics performance of the ECCE detector	VAN HULSE, Charlotte
10:20	[225] The Physics Potential of a TeV Muon-Ion Collider	ACOSTA, Darin
10:40	[235] The Future of CEBAF	KAZIMI, Reza
11:00	Coffee break	
11:30	[13] The LHCspin project	OKAMURA, Shinichi
11:50	[388] QCD at FCC-ee	PLOERER, Eduardo
12:10	[419] The 3D structure of pions at future electron-ion colliders	MORGADO CHÁVEZ, Jose Manuel
12:30	[22] Signatures of gluon saturation in future DIS experiments	TEVIO, Mirja
12:50	[80] Parton structure at the LHeC and FCC-he	GWENLAN, Claire
13:10	Lunch	
15:00	[95] Dark Sector searches at the intensity frontier	Dr BATTAGLIERI, Marco
15:20	[124] Dark matter production with light mediator exchange at future e+e- colliders	ZARNECKI, Aleksander
15:40	[82] New top and BSM Physics at the LHeC and FCC-he	FISCHER, Oliver
16:00	[30] LUXE: A new experiment to study non-perturbative QED in electron-LASER and photon-LASER collisions	LEVY, Aharon
16:20	[26] Scattering and Neutrino Detector at the LHC	DALLAVALLE, Marco
16:40	Coffee break	
17:10	[98] Heavy Neutrinos at Future Linear e+e- Colliders	Mr MEKALA, Krzysztof
17:30	[297] Deeply virtual Compton scattering with polarized positrons : perspectives for Jefferson Lab	Dr NICCOLAI, Silvia
17:50	[315] A Future Muon-Ion Collider at Brookhaven National Laboratory	CLINE, Ethan
18:10	[92] Upgrade of ATLAS Hadronic Tile Calorimeter for the High Luminosity LHC	ZENIS, Tibor
18:30	[399] KINEMATIC FITTING OF NEUTRAL CURRENT EVENTS IN DEEP INELASTIC ep COLLISIONS.	Prof. CALDWELL, Allen

Wednesday 4 May 2022

WG6: Future Experiments: Session 2 (09:00 - 19:10)

-Conveners: Alessandro Polini; Yulia Furletova; Michela Chiosso

time	[id] title	presenter
09:00	[402] Study of exotic nuclei made easy – a potentially novel topic for physics at the EIC	MORAN, Brynna
09:20	[84] The impact of energy frontier DIS measurements on future hadron collider physics (HL-LHC and FCC-hh)	BRITZGER, Daniel
09:40	[83] New EW and Higgs Physics with the LHeC and FCC-he	SCHWANENBERGER, Christian
10:00	[367] Hadron structure at AMBER	DA ROCHA AZEVEDO, Carlos Davide
10:20	[368] Probing nucleon spin structure with inclusive DIS at EIC-ATHENA	SCHMOOKLER, Barak BORSA SANJUAN, Ignacio NEWMAN, Paul Richard XU, Qinghua ZHOU, Yiyu
10:40	[418] Coherent Deep Virtual Compton Scattering on ^4He with CORE@EIC	HYDE, Charles KIM, Andrey MUNOZ CAMACHO, Carlos
11:00	Coffee break	
11:30	[395] The STAR Forward Upgrade	YE, Zhenyu
11:50	[304] Far-Forward Detector Instrumentation for the ATHENA Collaboration at the EIC	JENTSCH, Alex
12:10	[224] A Forward Calorimeter in ALICE	ARSENE, Ionut Cristian
12:30	[69] Deep-inelastic scattering with TeV neutrinos at the Forward Physics Facility	ROJO, Juan
12:50	[25] Overview of ATLAS forward proton detectors for LHC Run 3 and plans for the HL-LHC	PATEL, Pragati
13:10	Lunch	
15:00	[428] Detector design for a multi-TeV muon collider	BARTOSIK, Nazar
15:20	[209] The ATLAS Experiment Upgrade Program	VARI, Riccardo
15:40	[300] Precision measurements of (anti)neutrinos interactions with the SAND detector at the DUNE near site	SIRRI, Gabriele
16:00	[34] ATLAS LAr Calorimeter Commissioning for LHC Run-3	KESHRI, Sumit
16:20	[328] Incorporating Critical Beam Effects into Physics and Detector Simulations for the Electron-Ion Collider	PAGE, Brian
16:40	Coffee break	
17:10	[298] ATHENA – A new detector proposed at the Electron-Ion Collider	SURROW, Bernd DALLA TORRE, Silvia
17:30	[310] An Overview of the Electron-ion collider in China	ZHANG, Jinlong
17:50	[372] 3D Nucleon Structure with SoLID	Dr PENG, Chao
18:10	[125] Measurement of Lepton-Charge Asymmetry Using a Positron Beam at Jefferson Lab	ZHENG, Xiaochao

18:30	[63] CLAS2 luminosity upgrade and future physics opportunities	STEPANYAN, Stepan
18:50	[376] Reconstructing DIS Kinematics at the EIC Using Deep Learning	FARHAT, ABDULLAH

Thursday 5 May 2022

WG6: Future Experiments: Session 3 (08:40 - 13:30)

-Conveners: Yulia Furltova; Michela Chiosso; Alessandro Polini

time	[id] title	presenter
08:40	[407] SIDIS reconstruction and observables at EIC with ATHENA	PECAR, Connor
09:00	[77] PERLE: The development of a multi-turn, high current ERL	STOCCHI, achille
09:20	[79] A common eh/hh interaction region and detector for the LHC	ANDRE, Kevin Daniel Joel
09:40	[81] Unraveling non-linear parton dynamics at small x through high energy ep and eA scattering	STASTO, Anna
10:00	[423] Exploring the origin of the EMC effect with electron-deuteron DIS and spectator nucleon tagging at EIC	TU, Zhoudunming
10:20	[170] Exclusive Lepton Pairs at the Electron-Ion Collider	PIOTRZKOWSKI, Krzysztof
10:40	[175] High energy photon-photon interactions at the LHeC and FCC-eh	PIOTRZKOWSKI, Krzysztof YAMAZAKI, Yuji
11:00	Coffee break	