



# 31st International Workshop on Deep Inelastic Scattering

## mardi 9 avril 2024

### WG6: Future Experiments 1 (09:00 - 12:30)

time	[id] title	presenter
09:00	[21] ATLAS upgrades for High Luminosity LHC	SOLOVYANOV, Oleg
09:25	[266] Overview of the Phase-2 upgrade of CMS detector	PUROHIT, Arnab
09:50	[174] The LHCb Upgrade II	YUAN, Xuhao
10:15	[277] Overview of ALICE Upgrades	GUERNANE, Rachid
10:40	Coffee Break	
11:10	[30] Higgs self-coupling at the FCC-hh	GALLO, Elisabetta
11:30	[269] Physics Potential, Accelerator Options, and Experimental Challenges of a TeV-Scale Muon-Ion Collider	LI, Wei
11:50	[4] The progress of Super Tau Charm Facility in China	LIU, Jianbei LIU, Jianbei

### WG6: Future Experiments 2 (14:00 - 18:00)

time	[id] title	presenter
14:00	[230] ALICE Forward Calorimeter upgrade (FoCal): Physics program and performance	HUHTA, Laura
14:20	[259] Future Physics with CMS detector at HL-LHC	KOMARAGIRI, Jyothsna Rani KOMARAGIRI, Jyothsna Rani
14:40	[29] ATLAS ITk Pixel Detector Overview	SKAF, Ali
15:00	[226] Expected performance of the ATLAS ITk detector for HL-LHC	EL GHAZALI, Yassine
15:20	[114] The ATLAS ITk Strip Detector System for the Phase-II LHC Upgrade	SITNIKOVA, Elizaveta
15:40	Coffee Break	
16:20	[152] Upgrade of ATLAS Hadronic Tile Calorimeter for the High Luminosity LHC	SOLOVYANOV, Oleg
16:40	[191] Technical challenges and performance of the new ATLAS LAr Calorimeter Trigger	CHAPON, Emilien
17:00	[190] Machine Learning for Real-Time Processing of ATLAS Liquid Argon Calorimeter Signals with FPGAs	VOIGT, Johann Christoph
17:20	[189] Development of the ATLAS Liquid Argon Calorimeter Readout Electronics for the HL-LHC	MAZZEO, Elena
17:40	[97] Upgraded Lucid and Zero Degree Calorimeter Detectors for ATLAS at the High Luminosity LHC	SBRIZZI, Antonio

**mercredi 10 avril 2024****WG6: Future Experiments 3 (09:00 - 12:40)**

time	[id] title	presenter
09:00	[278] A New Era of Discovery: The 2023 Long Range Plan for Nuclear Science	CLOET, Ian
09:20	[268] SoLID: A Detector at the Luminosity Frontier.	Dr MEZIANI, Zein-Eddine
09:40	[207] The CLAS12 luminosity upgrade and future physics opportunities	BONDÌ, Mariangela
10:00	[148] Status and Prospects of the Electron-ion collider in China	Prof. XU, Qinghua
10:20	[209] Overview of the ePIC Detector	LI, Shujie
10:40	Coffee Break	
11:00	[310] Particle Identification with the ePIC detector at the EIC	CHATTERJEE, Chandradoy
11:20	[315] Silicon Vertex Tracker for the ePIC experiment at the Electron-Ion Collider	INNOCENTI, Gian Michele
11:40	[309] Physics Perspectives with the ePIC Far-Forward and Far-Backward detectors	PITT, Michael
12:00	[203] Calorimetry for the ePIC Experiment	KLEST, Henry
12:20	[279] A 2nd Detector for the Electron-Ion Collider	NADEL-TURONSKI, Pawel

**WG6: Joint WG3-WG6 (14:00 - 16:50)**

time	[id] title	presenter
14:00	[133] Backward DVCS on the pion in Sullivan processes	CASTRO, Abigail
14:20	[272] The general-purpose LHeC and FCC-eh high-energy precision programme: Top and EW measurements	ARMESTO, Nestor
14:40	[274] Searches for new physics at the LHeC and FCC-eh+ Higgs precision Higgs physics in electron–proton scattering at CERN	MELLADO, Bruce
15:05	[143] High energy $\gamma\gamma$ interactions at the LHeC	KHANPOUR, Hamzeh
15:25	Coffee Break	
15:50	[283] Overview of the MOLLER experiment at JLab	PASCHKE, Kent
16:10	[291] Parity Quality Electron Beam for the MOLLER Experiment	PALATCHI, Caryn
16:30	[201] Long-lived particle searches with the ILD experiment	KLAMKA, Jan

**WG6: Joint WG1-WG6 (17:05 - 18:35)**

time	[id] title	presenter
17:05	[318] Proton and nuclear structure from EIC and HERA to LHeC and FCC-eh	Prof. COOPER-SARKAR, Amanda
17:25	[28] Impact of Inclusive Electron Ion Collider Data on Collinear Parton Distributions	WICHMANN, Katarzyna
17:45	[20] Extraction of the strong coupling with HERA and EIC inclusive data	WICHMANN, Katarzyna

**jeudi 11 avril 2024****WG6: Future Experiments 5 (09:00 - 11:00)**

time	[id] title	presenter
09:00	[287] Strong Interaction Physics at the Luminosity Frontier with 22 GeV Electrons at Jefferson Lab	KEPPEL, Cynthia
09:20	[196] Jefferson Lab's Planned Positron Physics Program	SZUMILA-VANCE, Holly
09:40	[197] Status of the Ce+BAF upgrade	ROBLIN, Yves
10:00	[211] The NuPECC Long Range Plan 2024	MUNOZ CAMACHO, Carlos
10:20	[271] The LHeC and FCC-eh experimental program +A detector for future DIS at the energy frontier	NEWMAN, Paul
10:40	Coffee Break	