

31st International Workshop on Deep Inelastic Scattering

mardi 9 avril 2024

WG2: Small-x, Diffraction and Vector Mesons 1 (08:55 - 13:00)

time	[id] title	presenter
09:00	[375] Introduction to WG2 program	BALDENEGRO, Cristian TAELS, Pieter BOUSSARIE, Renaud
09:10	[322] Ultraperipheral Collisions at LHCb	DA SILVA, Cesar DA SILVA, Cesar
09:30	[323] Probing gluon saturation with novel ratio observables in ultra-peripheral collisions	TU, Zhoudunming
09:50	[325] Inclusive photoproduction of vector quarkonium in ultra-peripheral collisions at the LHC	LYNCH, Kate
10:30	Coffee break	
11:00	[326] Diffractive measurements at CMS	PITT, Michael
11:20	[327] Scaling laws of differential elastic pp cross-section	PRASZALOWICZ, Michal
11:40	[328] Extracting the partonic structure of colorless exchanges in diffraction at the EIC	STASTO, Anna
12:00	[329] Dipole picture diffractive structure function at NLO	LAPPI, Tuomas
12:20	[330] TMD factorisation for diffractive jets in photon-nucleus interaction	HAUKSSON, Sigtryggur

WG2: Small-x, Diffraction and Vector Mesons 2 (14:10 - 18:40)

time	[id] title	presenter
14:30	[332] Higgs production at NLL accuracy in the BFKL approach	CELIBERTO, Francesco Giovanni
14:50	[333] Pole decomposition of BFKL eigenvalue	PRYGARIN, Alex
15:10	[334] Small-x resummation of photon impact factors and virtual photon scattering at high energies	COLFERAI, Dimitri
15:30	Coffee break	
16:00	[335] Coherent vector meson photoproduction and polarization in heavy-ion collisions with nuclear overlap in ALICE	SHATAT, Afnan
16:20	[336] Energy dependence of coherent J/ψ production off lead with ALICE	CONTRERAS, Guillermo CONTRERAS, Guillermo
16:40	[337] Odderon at the EIC from exclusive χ_c production	BENIC, Sanjin
17:00	[338] Impact factor for forward eta-c meson production at NLO	NEFEDOV, Maxim
17:20	Intermezzo: break for unwinding	
17:40	[339] Odderon Mechanism for Transverse Single Spin Asymmetry in pp and pA Collisions	VIVODA, Eric Andreas

18:00	[340] Global analysis of polarized DIS & SIDIS data with improved small-x helicity evolution	TAWABUTR, Yossathorn
18:20	[341] Investigations on η' photoproduction off near-free neutron at Graal	RIGGIO, Antonio

mercredi 10 avril 2024**WG2: Small-x, Diffraction and Vector Mesons 3 (09:10 - 12:40)**

time	[id] title	presenter
09:10	[343] Describing the incoherent exclusive diffraction t-spectrum with hotspot evolution	TOLL, Tobias
09:30	[344] Incoherent J/ψ production at large $ t $ identifies the onset of saturation at the LHC	RIDZIKOVA, Alexandra
09:50	[345] Proton PDFs with non-linear corrections from gluon recombination	DUWENTÄSTER, Pit
10:10	[346] Predictions from the Balitsky-Kovchegov equation including the dipole orientation	VACULČIAK, Matěj
10:30	Coffee break	
11:00	[347] Azimuthal anisotropy from quantum interference in ρ^0 photoproduction in ultra-peripheral collisions with ALICE	RIFFERO, Andrea Giovanni
11:20	[348] Probing gluon saturation and nuclear structure in photon-nucleus collisions	MÄNTYSAARI, Heikki
11:40	[349] First study of the initial gluonic fluctuations using UPCs with ALICE	GRUND, David
12:00	[350] Inferring the Initial Condition for the BK Equation	CASUGA, Carlisle Aurabelle
12:20	[351] $K+K^-$ photoproduction in ultra-peripheral Pb–Pb collisions with ALICE	KIM, Minjung

WG2: Small-x, Diffraction and Vector Mesons 4 (14:10 - 18:50)

time	[id] title	presenter
14:10	[352] Next-to-leading order photon+jet production	MULIAN, Yair
14:30	[353] Diffractive processes at the NLO in a saturation framework	FUCILLA, Michael
14:50	[354] Precision studies of gluon saturation in DIS at small x: NLO corrections to SIDIS and double inclusive hadron production	JALILIAN-MARIAN, Jamal
15:10	[324] Exclusive four pion photoproduction in ultra-peripheral Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV at ALICE	BYLINKIN, Alexander
15:30	Coffee break	
16:00	[357] Confronting Next-to-Leading Order CGC/Saturation Approach with HERA Data	GARRIDO, Jose
16:20	[358] Resummation in JIMWLK Hamiltonian	LUBLINSKY, Michael
16:40	[359] Reconciling the kinematical constraint with the JIMWLK evolution equation	KORCYL, Piotr
17:00	[360] A unified description of DGLAP, CSS, and BFKL: TMD factorization bridging large and small x	MUKHERJEE, Swagato
17:20	[364] Transverse energy-energy correlators in the Color-Glass Condensate	PENTTALA, Jani PENTTALA, Jani
17:40	[363] Harmonics of Lepton-Jet Correlations in inclusive and diffractive scatterings	TONG, Xuanbo
18:00	[376] Conference banquet info!	

jeudi 11 avril 2024**WG2: Small-x, Diffraction and Vector Mesons 5 (09:10 - 11:00)**

time	[id] title	presenter
09:10	[365] Non-eikonal effects in dijet production at the Electron-Ion Collider	AGOSTINI, Pedro
09:30	[366] Power corrections to back-to-back DIS dijets: Next-to-Eikonal versus twist 3	BEUF, Guillaume BEUF, Guillaume BEUF, Guillaume
09:50	[367] Leading-Twist Quark TMDs at Small-x	SANTIAGO, M Gabriel
10:10	[368] t-channel quark exchange in SIDIS and inclusive DIS at small-x beyond eikonal approximation	MULANI, Swaleha
10:30	Coffee break	