

ICHEP 2024

Thursday 18 July 2024

Strong interactions and Hadron Physics: Strong interactions and Hadron Physics - North Hall (08:30 - 10:15)

-Conveners: Jan Matousek; Josu Cantero

time	[id] title	presenter
08:30	[455] Charged particle and underlying event measurements with the ATLAS detector	□SCHMIDT, Mustafa Andre
08:45	[159] Measurement of event shape variables in pp collisions at CMS	Mr KARMAKAR, Saikat
09:00	[160] Exclusive production processes in CMS	ROYON, Christophe
09:15	[454] Measurements of W and Z boson production in association with jets in ATLAS	YU, Yi
09:30	[156] Vector boson associated with jets in CMS	WANG, Qun
09:45	[839] Multi-differential charged-particle jet fragmentation in pp collisions with ALICE	RYU, Jaehyeok
10:00	[566] Classifying hadronic objects in ATLAS with ML/AI algorithms	XU, Da

Strong interactions and Hadron Physics: Strong interactions and Hadron Physics - North Hall (10:45 - 12:30)

-Conveners: Katerina Lipka; Josu Cantero

time	[id] title	presenter
10:45	[1184] Energy Energy correlators in DIS	LI, Haitao
11:00	[74] Multi-differential Jet Substructure Measurement in High Q ² ep collisions with HERA-II Data	MIKUNI, Vinicius Massami
11:15	[60] First measurement of groomed event shape observables in deep-inelastic electron-proton scattering at HERA	ZLEBICKI, Radek
11:30	[62] Measurement of the 1-jettiness event shape observable in deep inelastic electron-proton scattering at HERA	HESSLER, Johannes
11:45	[538] Measurement of jet substructure with the ATLAS detector	BUTTAR, Craig Macleod
12:00	[845] Multiplicity dependent and inside-jet measurement of light neutral mesons in pp collisions with ALICE	STIEFELMAIER, Stephan Friedrich
12:15	[939] Jet substructure measurements at CMS	LIDRYCH, Jindrich

Strong interactions and Hadron Physics: Strong interactions and Hadron Physics - North Hall (14:30 - 16:15)

-Conveners: Josu Cantero; Katerina Lipka

time	[id] title	presenter
14:30	[1365] Determination of the strong-coupling constant from the Z-boson transverse-momentum distribution	SCHMIEDEN, Kristof
14:45	[38] Measurement of jet production in deep inelastic scattering and NNLO determination of the strong coupling at ZEUS	LORKOWSKI, Florian
15:00	[459] Precision measurements of multijet production with the ATLAS experiment	POLACEK, Stanislav

15:15	[161] Alpha-s and jet measurements in CMS	CONNOR, Patrick
15:30	[1135] Determination of α_S from differential cross-sections and azimuthal correlations among jets at CMS	GIANNEIOS, Paris
15:45	[565] The path to approximate N ³ LO NNPDF Parton Distributions	MAGNI, Giacomo

Strong interactions and Hadron Physics: Strong interactions and Hadron Physics - North Hall (16:45 - 18:30)

-Conveners: Katerina Lipka; Josu Cantero

time	[id] title	presenter
16:45	[504] High-precision QCD physics at FCC-ee	KLUTH, Stefan
17:00	[1309] Proton and nuclear structure from EIC and HERA to LHeC and FCC-eh	GWENLAN, Claire
17:15	[1311] Unintegrated gluon distributions in the BGK saturation model	LUSZCZAK, Marta
17:30	[1052] The inclusion of QED correction in the NNPDF4.0 fitting framework	LAURENTI, Niccolò
17:45	[1192] Amplitude-Based IR-Improvement in Precision LHC/FCC Physics	WARD, Bennie
18:00	[1451] Up and Down Quark Structure of the Proton	XIE, Mingzhe
18:15	[584] Dependence of the parton intrinsic transverse momentum on the collision center of mass energy using the Parton Branching Method in Drell-Yan production at NLO	BUBANJA, Itana

Friday 19 July 2024

Strong interactions and Hadron Physics: Strong interactions and Hadron Physics - North Hall (08:30 - 10:15)

-Conveners: Raffaele Del Grande; Liupan An

time	[id] title	presenter
08:30	[468] Particle production as a function of charged-particle flatnecity in small collision systems with ALICE	BENCEDI, Gyula
08:45	[144] Heavy flavour production studies at CMS	YANG, Yewon
09:00	[512] Heavy-flavour hadron production in ATLAS	WHITE, Aaron
09:15	[842] Jet fragmentation measurements at LHCb	COOKE, Naomi
09:30	[764] Dead-cone effect in the production of heavy flavors at high-energy colliders	Dr DHANI, Prasanna K.
09:45	[1229] Charm total cross section measurements at the LHC and beyond	YANG, Yewon
10:00	[799] Studies of beauty-quark production, hadronisation and cold nuclear matter effects via measurements of non-prompt charm hadrons in pp and p-Pb collisions with ALICE	ZHANG, Mingyu

Strong interactions and Hadron Physics: Strong interactions and Hadron Physics - North Hall (10:45 - 12:30)

-Conveners: Liupan An; Jan Matousek

time	[id] title	presenter
10:45	[854] Investigation of charm-quark hadronisation in proton–proton collisions with ALICE	CHENG, Tiantian
11:00	[798] Study of charm fragmentation with charm meson and baryon angular correlation measurements with ALICE	CATTARUZZI, Samuele
11:15	[322] Prospects for measuring quark polarization and spin correlations in b-bbar and c-cbar samples at the LHC	UZAN, David
11:30	[456] Production asymmetry of D^0 and \bar{D}^0 mesons in the LHCb fixed-target experiments and intrinsic charm in the nucleon	SZCZUREK, Antoni
11:45	[39] The azimuthal correlation between the leading jet and the scattered lepton in deep inelastic scattering at HERA	Prof. SURROW, Bernd
12:00	[440] Study of charmonium and associated charmonium production in pp collisions at LHCb	YEROSHENKO, Vsevolod
12:15	[921] The computation of the non-global logarithms with jet grooming techniques for Z+jet process	GAID, Safa

Strong interactions and Hadron Physics: Strong interactions and Hadron Physics - North Hall (14:30 - 16:15)

-Conveners: Valerio Bertone; Raffaele Del Grande

time	[id] title	presenter
14:30	[336] Path integral treatment of coherence effects in charmonium production in nuclear ultra-peripheral collisions	Dr OBERTOVA, Jaroslava
14:45	[42] Measurement of the cross-section ratio $\sigma\psi(2S)/\sigma J/\psi(1S)$ in exclusive photoproduction at HERA	GRZELAK, Grzegorz
15:00	[1307] Coherent diffractive production of J/psi in gamma-nucleus collisions	Dr ŁUSZCZAK, Agnieszka

15:15	[1040] High-energy to ultra-high-energy neutrino-nucleus scattering in the dipole model	LE, Anh-Dung
15:30	[1015] Determination of K^0_S Fragmentation Functions including BESIII Measurements and using Neural Networks	SOLEYMANINIA, Maryam
15:45	[123] Fragmentation function studies at BESIII	WANG, Weiping
16:00	[976] Quantized fragmentation	TODOROVA, Sarka

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-Conveners: Katerina Lipka; Raffaele Del Grande

time	[id] title	presenter
16:45	[712] ϕ meson production relative to hard scatterings in pp collisions using the ALICE detector	LIM, Bong-Hwi
17:00	[557] Investigation of the $\rho^0 \rightarrow \pi^+ \pi^-$ final-state interaction with ALICE	KORWIESER, Maximilian
17:15	[553] From particle emission at accelerator facilities to axion properties in neutron stars: results and implications of the latest femtoscopic studies involving pions by ALICE	LESCH, Marcel Markus
17:30	[702] Investigating the hidden strangeness content of exotic resonance with ALICE	TRIPATHY, Sushanta
17:45	[907] Predictions for pion and its excited states spectrum and other observables using holographic QCD plus 't Hooft equation.	AHMADY, Mohammad
18:00	[392] Bound state basics	HOYER, Paul
18:15	[1534] g-2 from lattice QCD: the most recent result	FODOR, Zoltan

Saturday 20 July 2024

Strong interactions and Hadron Physics: Strong interactions and Hadron Physics - North Hall (08:30 - 10:15)

-Conveners: Valerio Bertone; Liupan An

time	[id] title	presenter
08:30	[110] Discovery of a Glueball-like particle $X(2370)$ at BESIII	LIU, Beijiang
08:45	[122] Light flavor vector mesons between 2 and 3 GeV at BESIII	DE MORI, Francesca
09:00	[124] Observation of $e^+e^- \rightarrow \chi_{c1}$ at BESIII	SPATARO, Stefano
09:15	[125] Recent studies on vector charmonium-(like) states at BESIII	GUO, Yuping
09:30	[171] Recent studies of pentaquarks at LHCb	Dr REN, Zan
09:45	[441] Exotic tetraquarks at LHCb	CAPRIOTTI, Lorenzo
10:00	[511] ATLAS results on exotic hadrons	CHEN, Xin

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-Conveners: Jan Matousek; Valerio Bertone

time	[id] title	presenter
10:45	[706] Investigating the coalescence probability of light nuclei production in jets with ALICE	CALIVA, Alberto
11:00	[707] Investigating the system size dependence of hypernuclei production with $A < 5$ using the ALICE detector	DITZEL, Janik
11:15	[121] Recent results on time-like baryon electromagnetic form factors at BESIII	LEI, Tiantian
11:30	[722] χ_{c2} transition form factors	BABIARZ, Izabela
11:45	[1120] $B_s \rightarrow \mu^+ \mu^- \gamma$ at large q^2 from lattice QCD	GAGLIARDI, Giuseppe
12:00	[1239] Radiative corrections for $K^+ \rightarrow \pi^+ \ell \ell^-$ decays revisited	HUSEK, Tomáš
12:15	[807] Low-lying hadrons in the matrix model of two-color QCD at extreme strong coupling: quantum phases and the spin-puzzle	BANDYOPADHYAY, ARKAJYOTI

Strong interactions and Hadron Physics: Strong interactions and Hadron Physics - North Hall (14:30 - 16:15)

-Conveners: Jan Matousek; Valerio Bertone

time	[id] title	presenter
14:30	[1369] New measurement of transverse spin effects in hadron production from muon-deuteron semi-inclusive DIS at COMPASS	Dr PARSAMYAN, Bakur
14:45	[981] Probing the onset of maximal entanglement inside the proton in diffractive DIS	KUTAK, Krzysztof Marek
15:00	[1289] Transverse-spin asymmetries in COMPASS Drell-Yan data	NIEMIEC, Malgorzata Rozalia
15:15	[1368] Chiral Symmetry and Large Magnetic Fields	Prof. TIBURZI, Brian
15:30	[682] New BABAR studies of high-order radiation and the new landscape of data-driven hadronic vacuum polarization predictions of the muon $g-2$	MALAESCU, Bogdan
15:45	[129] Soft-gluon effective coupling: perturbative results and the large- n_F limit to all orders	DE FLORIAN, Daniel

Strong interactions and Hadron Physics: Strong interactions and Hadron Physics - North Hall (16:45 - 18:30)**-Conveners: Raffaele Del Grande; Jan Matousek**

time	[id] title	presenter
16:45	[1164] Hard exclusive π^0 muoproduction cross-section at COMPASS	PESKOVA, Marketa
17:00	[183] Non-perturbative thermal QCD at very high temperatures	GIUSTI, Leonardo
17:15	[978] Transport properties of the strongly interacting quark-gluon plasma	GRISHMANOVSKII, Ilia
17:30	[367] Diffractive dijets at HERA and EIC using GTMDs	LINEK, Barbara
17:45	[372] Future studies of exclusive diffractive bremsstrahlung of one and two photons	LEBIEDOWICZ, Piotr
18:00	[1059] Precision boson-jet azimuthal decorrelation at hadron colliders	WU, Bin
18:15	[762] Theoretical predictions to differential cross sections and decay rates from the loop-tree duality	Mr RENTERIA ESTRADA, David Francisco