

ICHEP 2022

Thursday, July 7, 2022

Strong interactions and Hadron Physics - Room 1 (Europa Auditorium) (9:00 AM - 10:45 AM)

-Conveners: Gunar Schnell; Maria Ubiali

time	[id] title	presenter
9:00 AM	[267] Impact of jet-production data on the next-to-next-to-leading-order determination of HERAPDF2.0 parton distributions	COOPER-SARKAR, Amanda
9:15 AM	[399] The NNPDF4.0 global analysis and related studies	STEGEMAN, Roy
9:30 AM	[717] Determination of proton parton distribution functions using ATLAS data	ZHANG, Zhiqing
9:45 AM	[901] Probing Parton Distribution Functions at LHCb	XU, Menglin
10:00 AM	[942] Emergence of resummation scales in the evolution of the QCD strong coupling and PDFs	BOZZI, Giuseppe
10:15 AM	[340] EKO and yadism: theory predictions for PDF fitting	CANDIDO, Alessandro
10:30 AM	[1126] Parton structure at the LHeC and FCC-he	GWENLAN, Claire

Strong interactions and Hadron Physics - Room 1 (Europa Auditorium) (11:15 AM - 1:00 PM)

-Conveners: Alice Ohlson; Marco Pappagallo

time	[id] title	presenter
11:15 AM	[1137] Pseudo- and quasi-PDFs in the BFKL approximation	CHIRILLI, Giovanni Antonio
11:30 AM	[122] Neutral meson measurements in ALICE in pp collisions at $\sqrt{s} = 13$ TeV	KOENIG, Joshua Leon
11:45 AM	[80] Constraining hadronization with prompt and non-prompt charm baryons in small collision systems with ALICE at the LHC	ZHU, Jianhui
12:00 PM	[85] Probing hadronization with flavor correlations of leading particles in jets	CHIEN, Yang-Ting
12:15 PM	[1468] Observation of simultaneous production of 3 J/psi mesons in pp collisions	MEJIA GUIASO, Jhovanny Andres
12:30 PM	[900] Jet fragmentation and QCD measurements at LHCb	COOKE, Naomi

Strong interactions and Hadron Physics - Room 1 (Europa Auditorium) (2:30 PM - 4:30 PM)

-Conveners: Maria Ubiali; Giovanni Abbiendi

time	[id] title	presenter
2:30 PM	[169] Vector boson associated with jets in CMS	GRAS, Philippe
2:50 PM	[680] Measurements of W and Z boson production in association with heavy flavor at ATLAS	GIACOBBE, Benedetto
3:05 PM	[1252] Linear Power Corrections in Collider Processes	LIMATOLA, Giovanni
3:20 PM	[1296] Drell-Yan lepton-pair production: qT resummation at N3LL and fiducial cross section at N3LO	FERRERA, Giancarlo

3:35 PM	[428] Determination of the strong-coupling constant from the Z-boson transverse-momentum distribution	CAMARDA, Stefano
3:50 PM	[635] The strong coupling at the tau mass scale from a new vector isovector spectral function	BOITO, Diogo
4:05 PM	[1031] QCD corrections to Wbb production at the LHC	HARTANTO, Heribertus Bayu

Strong interactions and Hadron Physics - Room 1 (Europa Auditorium) (5:00 PM - 7:05 PM)

-Conveners: Maria Ubiali; Alice Ohlson

time	[id] title	presenter
5:00 PM	[173] Inclusive jet measurements in CMS	CONNOR, Patrick
5:15 PM	[166] QCD and SMEFT analysis of double-differential inclusive jet cross sections at 13 TeV (CMS)	LIPKA, Katerina
5:30 PM	[754] Precision measurements of jet and photon production at the ATLAS experiment	ROLOFF, Jennifer
5:45 PM	[1081] Probing the initial state with isolated photon production in small collision systems with ALICE	XU, ran
6:00 PM	[127] Event Shape and Jet Substructure Measurements in high Q^2 Deep Inelastic Scattering at HERA	ZHANG, Zhiqing
6:20 PM	[1038] First measurement of anti-kT jet spectra and jet substructure using the archived ALEPH e+e- data at 91.2 GeV	CHEN, Yi
6:35 PM	[1160] Linear power corrections to e+e- shape variables in the three-jet region	OZCELIK, Melih Arslan
6:50 PM	[1039] High-precision QCD physics at FCC-ee	GIULI, Francesco

Friday, July 8, 2022

Strong interactions and Hadron Physics - Room 1 (Europa Auditorium) (9:00 AM - 10:45 AM)

-Conveners: Giovanni Abbiendi; Gunar Schnell

time	[id] title	presenter
9:00 AM	[300] R value measurements at BESIII	WANG, Weiping
9:15 AM	[366] Measurement of $e^+e^- \rightarrow \pi^+\pi^-\pi^0$ with ISR events at BABAR and calculation of its contribution to the $(g-2)_\mu$	ANULLI, Fabio
9:30 AM	[606] Short and intermediate distance HVP contributions to muon $g-2$: SM (lattice) prediction versus e^+e^- annihilation data	Prof. FREZZOTTI, Roberto
9:45 AM	[625] High precision calculations for the MUonE experiment	BUDASSI, Ettore
10:00 AM	[403] Status of the MUonE experiment	PILATO, Riccardo Nunzio
10:15 AM	[714] NLO and NNLO hadronic vacuum polarization contributions to the muon $g-2$ in the space-like region	LAPORTA, Stefano
10:30 AM	[1090] The hadronic running of the electroweak couplings from lattice QCD	Dr CÈ, Marco

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-Conveners: Marco Pappagallo; Gunar Schnell

time	[id] title	presenter
11:15 AM	[73] Universal scaling properties of proton-proton elastic scattering	ROYON, Christophe
11:35 AM	[753] Forward proton measurements with ATLAS	STENZEL, Hasko
11:50 AM	[456] Nucleon electromagnetic form factors at large momentum from Lattice QCD	SYRITSYN, Sergey
12:05 PM	[488] Hadron physics results at KLOE-2	GAUZZI, Paolo
12:25 PM	[1248] Hard exclusive π^0 muoproduction at COMPASS	PESKOVA, Marketa
12:40 PM	[1313] AMBER: a new QCD facility at the CERN SPS M2 beam line	SEITZ, Bjoern

Strong interactions and Hadron Physics - Room 1 (Europa Auditorium) (2:30 PM - 4:30 PM)

-Conveners: Maria Ubiali; Giovanni Abbiendi

time	[id] title	presenter
2:30 PM	[148] Spectral clustering for jet physics	CERRO, Giorgio
2:45 PM	[1093] Lund and Cambridge multiplicity for precision physics	MEDVES, Rok
3:00 PM	[1293] Quarks and gluons in the Lund plane	TAKACS, Adam
3:15 PM	[360] Identification of b-jets using QCD-inspired observables	SFORZA, Federico
3:30 PM	[1008] NLL accurate PanScales showers for hadron collisions	FERRARIO RAVASIO, Silvia
3:45 PM	[1086] Explainable machine learning of parton shower mechanisms	LAI, Yue Shi PLOSKON, Mateusz
4:00 PM	[1174] Dissecting the collinear structure of quark splitting at NNLL	EL-MENOUFI, Basem

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-Conveners: Giovanni Abbiendi; Alice Ohlson

time	[id] title	presenter
5:00 PM	[1239] Adding quark spin effects to Pythia string fragmentation	KERBIZI, Albi
5:15 PM	[1310] A PYTHIA-8 underlying event tune from RHIC to the LHC	MOONEY, Isaac
5:30 PM	[682] Underlying event measurements at ATLAS	HIRSCHBÜHL, Dominic
5:45 PM	[82] Beauty production in small systems with ALICE at the LHC	DEMMICH, Katharina
6:00 PM	[257] Forward production of charm and bottom dijets with off-shell partons	SZCZUREK, Antoni
6:15 PM	[758] ATLAS results on charmonium and B meson production and decays	BONA, Marcella
6:35 PM	[74] Ground and excited quarkonium states as probes of MPI in small systems with ALICE	TORK, Theraa
6:50 PM	[1341] Inclusive photoproduction of quarkonium pairs at the US EIC	SANGEM, Rajesh

Saturday, July 9, 2022

Strong interactions and Hadron Physics - Room 1 (Europa Auditorium) (9:00 AM - 10:45 AM)

-Conveners: Gunar Schnell; Maria Ubiali

time	[id] title	presenter
9:00 AM	[689] Global extraction of unpolarized quark TMDs at N3LL	BOZZI, Giuseppe
9:15 AM	[1286] Non-perturbative contributions to vector boson transverse spectra: PDF bias and flavor dependence in TMD distributions	HAUTMANN, Francesco
9:30 AM	[1377] Transverse momentum dependent splitting functions in the Parton Branching method	KEERSMAEKERS, Lissa
9:45 AM	[330] Latest Hermes results on azimuthal single- and double-spin asymmetries in semi-inclusive deep-inelastic scattering by transversely polarized protons	PAPPALARDO, Luciano Libero
10:00 AM	[126] Measurement of lepton-jet correlation in deep-inelastic scattering with the H1 detector using machine learning for unfolding	XU, YAOYUAN
10:15 AM	[1203] Azimuthal correlations in high pT processes with the TMD parton branching method at NLO	VAN KAMPEN, Mees
10:30 AM	[1076] J/ψ polarization and gluon TMDs in semi-inclusive DIS at low and high transverse momentum	PISANO, Cristian

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-Conveners: Marco Pappagallo; Alice Ohlson

time	[id] title	presenter
11:15 AM	[875] Excited charm hadron spectroscopy at LHCb	CHEN, Chen
11:35 AM	[882] Studies of conventional doubly heavy hadrons at LHCb	SPRADLIN, Patrick
11:50 AM	[591] Study of charmonia and bottomonia at Belle	PINNA ANGIONI, Gianluca
12:05 PM	[883] Spectroscopy and decays of b-hadrons at LHCb	AO, Dong
12:20 PM	[890] Amplitude analyses of charm decays at LHCb	GONCALVES ABRANTES, Fernanda
12:35 PM	[607] Shapes and sizes of diquarks in lattice QCD	Prof. FRANCIS, Anthony

Strong interactions and Hadron Physics - Room 1 (Europa Auditorium) (2:30 PM - 4:30 PM)

-Conveners: Giovanni Abbiendi; Marco Pappagallo

time	[id] title	presenter
2:30 PM	[193] Recent CMS results on exotic resonances	YI, Kai
2:45 PM	[759] ATLAS results on exotic hadronic resonances	BOUHOVA-THACKER, Evelina
3:00 PM	[879] Studies of mesonic exotic states at LHCb	MA, Ruiting
3:15 PM	[880] Studies of pentaquark states at LHCb	NERI, Nicola
3:30 PM	[285] Recent XYZ results at BESIII	SPATARO, Stefano
3:50 PM	[933] Recent quarkonium results at Belle II	JI, Qingping

4:05 PM	[509] Double charm tetraquark in DD^* scattering from lattice QCD	MADANAGOPALAN, Padmanath
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Strong interactions and Hadron Physics - Room 1 (Europa Auditorium) (5:00 PM - 7:00 PM)

-Conveners: Alice Ohlson; Marco Pappagallo

time	[id] title	presenter
5:00 PM	[1200] Non-perturbative QCD up to high temperatures: the case of mesonic screening masses	Dr PEPE, Michele
5:15 PM	[141] Measurement of the hypertriton properties and production with ALICE	DITZEL, Janik
5:30 PM	[262] Extending the ALICE strong-interaction studies to nuclei: measurement of proton-deuteron and Λ -deuteron correlations in pp collisions at $\sqrt{s} = 13$ TeV	SINGH, Bhawani
5:45 PM	[752] Charged particle correlations with ATLAS	ASTALOS, Robert
6:00 PM	[284] Light Meson Spectroscopy at BESIII	HOU, guoyi
6:15 PM	[272] The hybrid nonet of $\pi_1(1600)$ and $\eta_1(1855)$: analysis and predictions	SHASTRY, Vanamali
6:30 PM	[1304] Studying light flavour resonances with polarised photon beams	Ms HAMMOUD, Nadine