

DIS2023: XXX International Workshop on Deep-Inelastic Scattering and Related Subjects

Tuesday, 28 March 2023

WG4: QCD with Heavy Flavours and Hadronic Final States 1 - 104AB (09:00 - 12:30)

-Conveners: Pierre-Hugues Beauchemin; Rene Poncelet; Barbara Antonina Trzeciak; Pierre-Hugues Beauchemin

time	[id] title	presenter
09:00	[59] Precision measurements of jet and photon production at ATLAS	CAMARERO MUNOZ, Daniel
09:20	[92] Photo-production at NLO QCD in Sherpa	MEINZINGER, Peter
09:40	[85] Power corrections for non-local subtraction methods	GUADAGNI, Flavio
10:00	[62] Measurements of W and Z boson production in association with heavy flavor at ATLAS	Dr GIULI, Francesco
10:20	Coffee break	
10:50	[120] Precision calculations for Drell-Yan type observables	GEHRMANN, Thomas Kurt
11:10	[66] Associated top-quark production and measurement of production asymmetries with the ATLAS experiment	Mr MONDAL, Buddhadeb
11:30	[165] GENEVA Monte Carlo: status and new developments	MARINELLI, Giulia
11:50	[91] ttH production in NNLO QCD	DEVOTO, Simone
12:10	[20] aNNLO results for $t\bar{t}\gamma$ cross sections	Prof. KIDONAKIS, Nikolaos

WG4: QCD with Heavy Flavours and Hadronic Final States 2 - 104AB (14:00 - 17:50)

-Conveners: Huey-Wen Lin; Pierre-Hugues Beauchemin; Pierre-Hugues Beauchemin; Barbara Antonina Trzeciak; Rene Poncelet

time	[id] title	presenter
14:00	[19] Target jet substructure and correlation	CHIEN, Yang-Ting
14:20	[54] Studying the Lund Jet Plane at LHCb	CHAHROUR, Ibrahim
14:40	[78] Multi-dimensional jet substructure measurement in pp collisions at $\sqrt{s} = 200$ GeV by STAR	SONG, Youqi
15:00	[264] Jet substructure measurements in CMS	ROYON, Christophe ROYON, Christophe
15:20	[249] Study of J/ψ production with jet activity in $pp+pp$ collisions at $\sqrt{s} = 200$ GeV with the STAR experiment	Prof. YANG, Yi
16:00	Coffee break	
16:30	[160] Modeling Hadronization with Machine Learning	MENZO, Tony
16:50	[67] Measurements of top quark production cross-sections with the ATLAS detector	PRINCIPE MARTIN, Miguel Angel
17:10	[68] Recent highlights of top-quark properties measurements with the ATLAS detector at the LHC	GARCIA NAVARRO, Jose Enrique
17:30	[193] First measurement of two-particle angular correlations of charged particles and anti-KT jet spectra and substructure with the archived ALEPH $e+e-$ data with \sqrt{s} up to 209 GeV	CHEN, Yu-Chen (Janice)

Wednesday, 29 March 2023

WG4: QCD with Heavy Flavours and Hadronic Final States 3 - 104AB (09:00 - 12:30)

-Conveners: Rene Poncelet; Barbara Antonina Trzeciak; Pierre-Hugues Beauchemin; Pierre-Hugues Beauchemin

time	[id] title	presenter
09:00	[82] Di-pion correlations in nuclear DIS using the CLAS detector	PAUL, Sebouh
09:20	[213] Fast evaluation of heavy-quark contributions to DIS in APFEL++	RISSE, Peter
09:40	[107] Transverse momentum distribution of charmonium production in lepton-hadron scattering at the EIC	Dr QIU, Jianwei Dr WATANABE, Kazuhiro
10:00	[142] Centrality-dependent jet and hadron cross sections in e-A reactions at the EIC	VITEV, Ivan
10:20	Coffee break	
10:50	[199] Machine learning-assisted measurement of multi-differential lepton-jet correlations in deep-inelastic scattering with the H1 detector	XU, Yao
11:10	[198] Machine learning-assisted measurement azimuthal angular asymmetry of soft gluon radiation in deep-inelastic scattering with the H1 detector	ACOSTA, Fernando TORALES ACOSTA, Fernando
11:30	[200] Multi-differential Jet Substructure Measurement in High Q ² ep collisions with HERA-II Data	ACOSTA, Fernando TORALES ACOSTA, Fernando
11:50	[299] A renormalization group analysis of medium-modified fragmentation in SIDIS	Dr KE, Weiyao
12:10	[229] Towards electron-ion event generation in Pythia	UTHEIM, Marius

Thursday, 30 March 2023

WG4: QCD with Heavy Flavours and Hadronic Final States 4 - 104AB (09:00 - 12:30)

-Conveners: Ivan Vitev; Thomas Kurt Gehrmann; Huey-Wen Lin; Pierre-Hugues Beauchemin; Rene Poncelet; Barbara Antonina Trzeciak; Pierre-Hugues Beauchemin

time	[id] title	presenter
09:00	[95] Beautiful and Charming Energy Correlators	MEÇAJ, Bianka
09:20	[6] Exploration of hadronization through heavy flavor production at the future Electron-Ion Collider	LI, Xuan
09:40	[100] Higher-order corrections for $t\bar{t}Z$ production	Prof. KIDONAKIS, Nikolaos
10:00	[53] Top-pair events with B-hadrons at the LHC	GENERET, Terry
10:20	Coffee break	
10:50	[43] Flavour Tagging with Graph Neural Network with the ATLAS Detector	DUPERRIN, Arnaud
11:10	[76] A fragmentation approach to jet flavor	LARKOSKI, Andrew CALETTI, Simone
11:30	[119] Modified hadronization in small systems at LHCb	SHANGASE, Desmond Mzamo
11:50	[105] Soft Logarithms in Processes with heavy quark	GHIRA, Andrea
12:10	[153] Deadcone searches with Jet trees	NAPOLETANO, Davide

WG4: QCD with Heavy Flavours and Hadronic Final States 5 - 104AB (14:00 - 17:50)

-Conveners: Christophe Royon; Christophe Royon; Francesco Giuli; Pierre-Hugues Beauchemin; Pierre-Hugues Beauchemin; Rene Poncelet; Barbara Antonina Trzeciak

time	[id] title	presenter
14:00	[161] Recent results on charmonium production from nuclear and photonuclear interactions in Pb--Pb collisions with nuclear overlap in ALICE	CARON, Robin
14:20	[167] Quarkonium production as a function of multiplicity in pp collisions with ALICE	LEGRAS, Gauthier
14:40	[181] Recent quarkonium results at Belle II	BOSCHETTI, Alessandro
15:00	[266] Heavy Flavour Spectroscopy and exotic hadrons at CMS	YI, Kai
15:20	[348] Precision phenomenology with multi-jet final states at the LHC	PONCELET, Rene
15:40	[309] Triple-collinear splitting functions at one loop in QCD	SAPETA, Sebastian Piotr SAPETA, Sebastian SAPETA, Sebastian
16:00	Coffee break	
16:30	[265] Heavy flavour production at CMS	YANG, Yewon YANG, Yewon
16:50	[220] Heavy quark pair production at next-to-next-to-leading order matched to parton shower	RATTI, Alessandro
17:10	[87] Study of low-energy e^+e^- annihilation into hadrons at BABAR	Prof. BROWN, David