



# XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects

## Tuesday, March 24, 2020

### QCD with Heavy Flavors and Hadronic Final States: Day2-morning-1 (9:00 AM - 10:30 AM)

-Conveners: Ronan McNulty; Daniel Greenwald

time	[id] title	presenter
9:00 AM	[156] The Pierre Auger Observatory: the latest results and perspectives	Dr GORA, Dariusz
9:22 AM	[27] Double D-meson production in perturbative QCD	HELENIUS, Ilkka
9:44 AM	[65] Measurement of W and Z boson production in association with jets at ATLAS	VITTORI, Camilla
10:06 AM	[61] Electroweak boson and forward jet probes of the initial state in Pb+Pb and p+Pb collisions with ATLAS	STEINBERG, Peter

### QCD with Heavy Flavors and Hadronic Final States: Day2-morning-2 (11:00 AM - 1:00 PM)

-Conveners: Ronan McNulty; Daniel Greenwald

time	[id] title	presenter
11:00 AM	[32] Top-quark double-differential distributions in $p_T$ and rapidity	KIDONAKIS, Nikolaos
11:20 AM	[66] Measurements of differential cross-sections of top-quark-antiquark pair-production in the lepton+jets and all-hadronic channels with the ATLAS detector	PALAZZO, Serena
11:40 AM	[67] Measurement of the production of two top-quark-antiquark pairs with the ATLAS detector	SOHNS, Fabian
12:00 PM	[314] Hadronic W-boson decays in top pair production	JEZO, Tomas
12:20 PM	[137] Top quark pair and single top cross sections and top quark production in association with additional particles at CMS: tt+jets, tt+bb, ttZ, ttW, ttgamma, tZ, tgamma, and ttt production	KRINTIRAS, Georgios
12:40 PM	[138] Recent measurements of top quark properties in CMS	NEGRO, Giulia

### QCD with Heavy Flavors and Hadronic Final States: Day2-afternoon-1 (2:30 PM - 4:00 PM)

time	[id] title	presenter
2:30 PM	[260] QCD evolution of twist-2 and twist-4 fragmentation function for heavy quarkonium production	WATANABE, Kazuhiro
2:52 PM	[23] Exotic quarkonium at Belle II	LIBBY, Jim
3:14 PM	[223] Spectroscopy of exotic states at LHCb	CAPRIOTTI, Lorenzo
3:36 PM	[231] Statistical combination of searches for the X(5568) state decaying into $B_0^0 \pi^+ \pi^-$	IENGO, Paolo

### QCD with Heavy Flavors and Hadronic Final States: Day2-afternoon-2 (4:30 PM - 6:00 PM)

time	[id] title	presenter
4:30 PM	[57] ATLAS results on production of quarkonia and heavy flavour	SEIDEL, Sally
4:52 PM	[222] Studies of b-hadrons and quarkonia at LHCb	BARSUK , Sergey
5:14 PM	[58] ATLAS measurements of CP Violation and Rare decays processes with Beauty mesons	GRUMMER, Aidan
5:36 PM	[22] The Belle II Experiment: Status and Prospects	LIBBY, Jim

## Wednesday, March 25, 2020

### QCD with Heavy Flavors and Hadronic Final States: Day3-morning-1 (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[188] Low $p_{\mathcal{T}}$ direct photon measurements at PHENIX experiment	Dr CANOA ROMAN, Veronica
9:22 AM	[196] Production of heavy particle pairs in proton-proton collisions induced by two-photon fusion	Prof. SZCZUREK, Antoni
9:44 AM	[286] Inclusive and heavy flavor jet production in pp and p-Pb collisions and search for jet quenching effects with the ALICE experiment at the LHC.	SHABETAI, Alexandre
10:06 AM	[292] Energy and System Size Dependence of Heavy Flavor Measurements From PHENIX at RHIC	NOUICER, Rachid

### QCD with Heavy Flavors and Hadronic Final States: Day3-morning-2 (11:00 AM - 1:00 PM)

time	[id] title	presenter
11:00 AM	[42] Precision Jet/Event Substructure Using Collinear Drop	Dr CHIEN, Yang-Ting
11:20 AM	[62] Measurement of jet substructure and jet fragmentation using the ATLAS detector	HUSTON, Joey
11:40 AM	[229] Jet substructure at the LHC and EIC	RINGER, Felix
12:00 PM	[236] Novel jet substructure observables via dynamical grooming	SOTO-ONTOSO, Alba
12:20 PM	[29] Hadronisation studies at the LHC with ALICE	ANTONIOLI, Pietro
12:40 PM	[98] Studying hadronization at LHCb	LEE , Sook Hyun

### QCD with Heavy Flavors and Hadronic Final States: Day3-afternoon-1 (2:30 PM - 4:00 PM)

time	[id] title	presenter
2:30 PM	[151] Soft-gluon resummation for $2 \rightarrow n$ processes	KIDONAKIS, Nikolaos
2:52 PM	[99] Towards a study of the effects of dynamical factorization breaking at LHCb	ROTH , Jordan Daniel
3:14 PM	[19] Three-Loop Heavy Flavor Corrections to Deep-Inelastic Scattering	Prof. BLUEMLEIN, Johannes
3:36 PM	[37] Multiplicity dependence of quarkonia production	SIDDIKOV, Marat

### QCD with Heavy Flavors and Hadronic Final States: Day3-afternoon-2 (4:30 PM - 6:00 PM)

time	[id] title	presenter
4:30 PM	[21] Quantum entanglement of partons in the proton and a new measurement of charged particle multiplicity distributions in deep-inelastic scattering at HERA	TU, Zhoudunming
4:52 PM	[63] Measurements of photon and jet production at ATLAS	HUBACEK, Zdenek
5:14 PM	[148] A next-to-leading order method general-mass method for heavy-flavor production at the LHC	XIE, Keping
5:36 PM	[55] Measurements of the underlying event at ATLAS	ADAM, Lennart

# Thursday, March 26, 2020

## QCD with Heavy Flavors and Hadronic Final States: Day4-morning-1 (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[15] Two-particle azimuthal correlations as a probe of collective behaviour in deep inelastic ep scattering at HERA	WICHMANN, Katarzyna
9:22 AM	[200] Small system hadron production and flow in PHENIX	PEREZ LARA, Carlos E
9:44 AM	[59] Recent ATLAS measurements of correlations in Pb+Pb and Xe+Xe collisions	BEHERA, Arabinda
10:06 AM	[60] Recent ATLAS measurements of correlations in pp and p+Pb collisions	PEREPELITSA, Dennis