

25th International Workshop on Deep Inelastic Scattering and Related Topics

Monday, 3 April 2017 - Friday, 7 April 2017

**University of Birmingham
Programme**

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Monday 03 April 2017

Registration (08:00-09:00)

Opening Plenary Session: Part 1 (09:00-10:40)

-Conveners: Amanda Cooper-Sarkar

time	[id] title	presenter
09:00	[4] Welcome on Behalf of the University of Birmingham (10 minutes)	EASTWOOD, Sir David
09:10	[3] Introduction to DIS'17 (10 minutes)	NEWMAN, Paul
09:20	[5] Parton Distributions and the Precision Frontier at the LHC (30 minutes)	UBIALI, Maria
10:00	[6] Latest Results from HERA (30 minutes)	WING, Matthew

Coffee break (10:40-11:10)

Opening Plenary Session: Part 2 (11:10-12:30)

-Conveners: Bernd Surrow

time	[id] title	presenter
11:10	[7] QCD Phenomenology and Event Generators (30 minutes)	PRESTEL, Stefan
11:50	[8] New Results on Elastic, Diffractive and Low x Processes (30 minutes)	OSTERBERG, Kenneth

Lunch break (12:30-13:30)

Opening Plenary Session: Part 3 (13:30-15:30)

-Conveners: Dave Charlton

time	[id] title	presenter
13:30	[9] QCD and Electroweak Measurements at the LHC (30 minutes)	BARREIRO GUIMARAES DA COSTA, Joao
14:10	[10] Higgs Physics at the LHC (30 minutes)	MARIOTTI, Chiara
14:50	[11] Searches for New Physics at the LHC and the role of QCD and PDFs (30 minutes)	HEINEMANN, Beate

Opening Plenary Session: Part 4 (16:00-18:15)

-Conveners: Rolf Ent

time	[id] title	presenter
16:00	[12] Altarelli Prize Award Ceremony and Talks (45 minutes)	GALLO, Elisabetta
16:45	[13] Transverse Momentum-Dependent Parton Distributions (20 minutes)	BACCHETTA, Alessandro
17:10	[14] Progress in Spin and 3D Nucleon Structure (20 minutes)	KABUSS, Eva-Maria
17:35	[15] QCD in Heavy Ion Physics (30 minutes)	CAINES, Helen

Welcome Reception (19:15-23:15)

Tuesday 04 April 2017

WG5 Physics with Heavy Flavours (08:50-10:30)

time	[id] title	presenter
08:50	[119] Resummation for Top Quark Pair Production (20 minutes)	SCOTT, Darren
09:10	[74] Top quark pair-production cross-section measurements with the ATLAS detector (20 minutes)	HALEEM, Mahsana
09:30	[331] Top quark pair production and modeling via QCD in CMS (20 minutes)	GONZALEZ, Juan
09:50	[173] EW corrections on top-quark pair production: the impact of the photon PDF (20 minutes)	TSINIKOS, Ioannis
10:10	[185] Top-quark mass extraction from top pair differential distributions (20 minutes)	HEYMES, David

WG3 Higgs and BSM Physics in Hadron Collisions (09:00-10:30)

time	[id] title	presenter
09:00	[60] Cross section and coupling measurements with the ATLAS detector for the 125 GeV Higgs Boson in the diboson decay channels (15 minutes)	LEIGHT, William Axel
09:18	[142] Higgs boson measurements and extended scalar sector searches in bosonic final states (15 minutes)	ZENZ, Seth
09:36	[61] Cross section and coupling measurements with the ATLAS detector for the 125 GeV Higgs Boson in the fermion decay channels (15 minutes)	TA, Duc Bao
09:54	[143] Higgs boson measurements and extended scalar sector searches in fermionic final states (15 minutes)	LENZ, Teresa
10:12	[169] Finite mass effects in Higgs and double Higgs production (15 minutes)	LUISONI, Gionata

WG6 Spin and 3D Structure (09:00-10:30)

time	[id] title	presenter
09:00	[353] Overview of the TMD/SIDIS program at Jefferson Lab (18 minutes)	PUCKETT, Andrew
09:18	[193] Study of TMDs with SoLID at 12-GeV Jefferson Lab (18 minutes)	ALLADA, Kalyan
09:36	[344] Testing of the SIDIS framework at Jefferson Lab Hall C using precise measurements of light meson Electroproduction (18 minutes)	KINNEY, Edward R.
09:54	[310] Final COMPASS results on the spin-dependent structure functions g_1^p and g_1^d in the deep-inelastic and nonperturbative regions (18 minutes)	BADELEK, Barbara
10:12	[102] Constraints on large-x behavior of spin-dependent PDFs (18 minutes)	MELNITCHOUK, Wally

WG4 Hadronic and Electroweak Observables (09:00-10:30)

time	[id] title	presenter
09:00	[150] Determination of the strong coupling at NNLO from jet production in DIS at HERA (25 minutes)	BRITZGER, Daniel
09:30	[262] Fragmentation of off-shell partons (15 minutes)	UERMOESSY, Karoly

09:50	[88] Lattice calculation of the pion electromagnetic form factor at high momentum transfer (15 minutes)	CHAKRABORTY, Bipasha
10:10	[147] Nucleon Electromagnetic and Axial-Vector Form Factors (15 minutes)	DAHIYA, Harleen RANDHAWA, Monika

WG1 Structure Functions and Parton Densities (09:00-10:30)

time	[id] title	presenter
09:00	[191] Does Nature know about perturbation theory? A phenomenological study of HERA data at low Q ² (17 minutes)	WICHMANN, Katarzyna
09:22	[120] Impact of CMS measurements on Proton Structure and QCD parameters (17 minutes)	LIPKA, Katerina
09:44	[252] Constraining the Sea Quark Distributions Through W [±] Cross Section Ratio Measurements at STAR (17 minutes)	FAZIO, Salvatore
10:06	[36] Differential Drell-Yan measurements and Z/top-pair cross section ratios (17 minutes)	ZINSER, Markus

WG2 Low x and Diffraction (09:00-10:30)

time	[id] title	presenter
09:00	[71] Electromagnetic processes in ultra peripheral lead-lead collisions with ATLAS (20 minutes)	GUZIK, Marcin
09:20	[330] Exclusive production of dileptons and diphotons with CMS-TOTEM (20 minutes)	FORTHOMME, Laurent
09:40	[138] Exclusive processes from CMS (30 minutes)	BYLINKIN, Aleksandr
10:10	[90] Central Exclusive Production at LHCb (20 minutes)	RACHWAL, Bartlomiej

Coffee break (10:30-11:00)**WG5 Physics with Heavy Flavours (11:00-13:00)**

time	[id] title	presenter
11:00	[170] Spin polarization in top pair production in association with two photons at NLO+PS (20 minutes)	LUISONI, Gionata
11:20	[76] Top quark pair property measurements and $t\bar{t} + X$ using the ATLAS detector at the LHC (20 minutes)	ROSIEN, Nils-Arne
11:40	[112] Measurements of the top-quark properties in the production and decays of $t\bar{t}$ events at CMS (20 minutes)	DAVID, Pieter
12:00	[78] Single Top quark production cross section using the ATLAS detector at the LHC (20 minutes)	CIOARA, Irina Antonela
12:20	[137] Single top quark production with CMS (20 minutes)	AHMAD, Ashfaq
12:40	[168] Single top-quark production with the matrix-element method in NLO accuracy (20 minutes)	MARTINI, Till

WG1 Structure Functions and Parton Densities (11:00-13:00)

time	[id] title	presenter
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11:00	[216] Progress on CTEQ-TEA PDFs (19 minutes)	JUN, Gao
11:24	[136] MMHT PDF status (19 minutes)	THORNE, Robert Samuel
11:48	[117] NNPDF3.1 (19 minutes)	ROJO, Juan
12:12	[101] New insights into sea quark asymmetries from global PDF analysis (19 minutes)	MELNITCHOUK, Wally
12:36	[276] APPLfast-NNLO: update on interpolation grids for NNLO (19 minutes)	GWENLAN, Claire

WG2 Low x and Diffraction (11:00-13:00)

time	[id] title	presenter
11:00	[215] Energy dependence of exclusive J/Psi photoproduction in p-Pb interactions at ALICE (20 minutes)	CONTRERAS NUNO, Jesus Guillermo
11:20	[285] ALICE measurements on ρ^0 photoproduction in Pb-Pb ultra-peripheral collisions (20 minutes)	POZDNYAKOV, Valeri
11:40	[234] Elastic and Total Cross-Section Measurements by TOTEM: Past and Future (20 minutes)	NEMES, Frigyes Janos
12:00	[141] Diffractive processes from CMS and combined CMS-TOTEM data (20 minutes)	RUSPA, Marta
12:20	[115] AFP: first experience with data and future plans (20 minutes)	GACH, Grzegorz
12:40	[195] Studies of the diffractive photoproduction of isolated photons at HERA (20 minutes)	BUSSEY, Peter John

WG3 Higgs and BSM Physics in Hadron Collisions (11:00-13:00)

time	[id] title	presenter
11:00	[62] Search for the 125 GeV Higgs boson in the ttH production mode with the ATLAS detector (15 minutes)	NAGY, Elemer
11:20	[179] ttH and tHq production at 13 TeV (15 minutes)	KRINTIRAS, Georgios
11:40	[256] NLO matching for $t\bar{t}b\bar{b}$ production with massive b-quarks (15 minutes)	JEZO, Tomas
12:00	[249] Soft Gluon Resummation Beyond NLL for Associated $t\bar{t}H$ Production at the LHC (15 minutes)	THEEUWES, Vincent
12:20	[312] Parton shower and finite-top mass effects in HH production (15 minutes)	KERNER, Matthias
12:40	[153] Higgs pair production in vector-boson fusion at the LHC and beyond (15 minutes)	ROJO, Juan

WG4 Hadronic and Electroweak Observables (11:00-13:00)

time	[id] title	presenter
11:00	[250] Vector boson production in joint resummation (15 minutes)	THEEUWES, Vincent
11:20	[122] Vector Boson production in association with jets at CMS (15 minutes)	WANG, Qun
11:40	[186] Multi-jet production in association with an electroweak vector boson (15 minutes)	PAPAEFSTATHIOU, Andreas
12:00	[154] b Mass Effects in Z/H Associated Production (15 minutes)	NAPOLETANO, Davide

12:20	[67] Measurements of the production of jets in association with a W or Z boson with the ATLAS detector (15 minutes)	KONDRASHOVA, Nataliia
12:40	[135] Event Modelling in CMS (15 minutes)	GUNNELLINI, Paolo

WG6 Spin and 3D Structure (11:00-13:00)

time	[id] title	presenter
11:00	[235] Final COMPASS results on hadrons, pions and kaons multiplicities (20 minutes)	STOLARSKI, Marcin
11:20	[240] Extraction of partonic transverse momentum distributions from semi-inclusive deep inelastic scattering and Drell-Yan data (20 minutes)	PISANO, Cristian
11:40	[206] Update on extraction of transversity PDF from inclusive di-hadron production (20 minutes)	RADICI, Marco
12:00	[227] Relating TMDs and collinear factorization (20 minutes)	GAMBERG, Leonard
12:20	[222] Fragmentation functions and their uncertainties (20 minutes)	NOCERA, Emanuele Roberto
12:40	[212] First Monte Carlo Analysis on Fragmentation Functions (20 minutes)	SATO, nobuo

Lunch break (13:00-14:00)

WG7 Future of DIS (14:00-15:30)

time	[id] title	presenter
14:00	[368] High-x at EIC (25 minutes)	YOSHIDA, Rikutarō
14:25	[369] PDFs at the LHeC (25 minutes)	SARKAR, Amanda SARKAR, amanda
14:50	[371] PDFs at the FCC-eh, and α_s at future ep colliders (25 minutes)	GWENLAN, Claire

WG4 Hadronic and Electroweak Observables (14:00-15:30)

time	[id] title	presenter
14:00	[128] Delta phi and multi-jet correlations with CMS (15 minutes)	BERMUDEZ MARTINEZ, Armando
14:18	[73] Measurement of angular correlations in proton-proton and proton-lead collisions with the ATLAS detector at the LHC (15 minutes)	JANUS, Piotr Andrzej
14:36	[171] Hadroproduction in high energy collisions (15 minutes)	BYLINKIN, Aleksandr
14:54	[72] Vector boson and quarkonia production in proton-lead and lead-lead collisions with ATLAS at the LHC (15 minutes)	GALLUS, Petr

WG5 Physics with Heavy Flavours (14:00-15:30)

time	[id] title	presenter
14:00	[152] Interpretation of the top-quark mass results (23 minutes)	CORCELLA, Gennaro
14:23	[113] Top quark mass measurements with CMS (22 minutes)	KOVALCHUK, Nataliia
14:45	[77] Measurements of the top quark mass using the ATLAS detector at the LHC (22 minutes)	MELINI, Davide

15:07	[204] Calibration of the Top-Quark Monte-Carlo Mass (23 minutes)	KIESELER, Jan
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WG3 Higgs and BSM Physics in Hadron Collisions (14:00-15:30)

time	[id] title	presenter
14:00	[273] Completing the hadronic Higgs boson decay at order α_s^4 (15 minutes)	DAVIES, Josh
14:18	[257] Higgs decay into four charged leptons in presence of dimension six operators (15 minutes)	SHIVAJI, Ambresh
14:36	[341] Electro-weak Higgs production in standard model effective field theory at NLO in QCD (15 minutes)	MIMASU, Ken
14:54	[59] Search for non-standard and rare decays of the Higgs boson with the ATLAS detector (15 minutes)	CAMINAL ARMADANS, Roger
15:12	[278] Prospects for new physics in tau decays to $l\text{-}\mu\text{-}\mu$ at current and future colliders (15 minutes)	HAYS, Chris

WG2 Low x and Diffraction (14:00-15:30)

time	[id] title	presenter
14:00	[156] Vector Meson Electroproduction: a paradigm for Exclusive Physics at an Electron-Ion Collider (30 minutes)	DAINTON, John
14:30	[94] Open Charm Production in Diffractive Deep Inelastic Scattering at HERA (20 minutes)	CERNY, Karel CERNY, Karel
14:50	[218] Heavy vector meson photoproduction measured by ALICE in ultraperipheral Pb-Pb collisions (20 minutes)	GRAHAM, Kay
15:10	[178] Extracting nuclear shadowing from LHC coherent J/Psi data (20 minutes)	CONTRERAS NUNO, Jesus Guillermo

WG1 Structure Functions and Parton Densities (14:00-15:30)

time	[id] title	presenter
14:00	[134] APFEL: A PDF Evolution Library (17 minutes)	BERTONE, Valerio
14:22	[237] Markov Chain Monte Carlo techniques applied to Parton Distribution Functions determination: proof of concept (17 minutes)	MANGIN-BRINET, Mariane
14:44	[221] The PDF Lattice 2017 workshop: a summary report (19 minutes)	NOCERA, Emanuele Roberto
15:08	[231] New Insights to the origin of the EMC effect (17 minutes)	HEN, Or

Coffee break (15:30-16:00)

WG7 Future of DIS (16:00-18:01)

time	[id] title	presenter
16:00	[34] Status and Physics of the SHiP experiment at CERN (20 minutes)	BUONAURA, Annarita BUONAURA, Annarita BUONAURA, Annarita BUONAURA, Annarita

16:20	[290] Advancing the precision of proton-proton and proton-nucleus collision studies with A Fixed-Target Experiment at the LHC (AFTER@LHC) (20 minutes)	LANSBERG, Jean-Philippe
16:40	[372] COMPASS (20 minutes)	FERRERO, Andrea FERRERO, Andrea FERRERO, Andrea
17:00	[361] Future Plans at Jefferson Lab: 12 GeV CEBAF Upgrade (20 minutes)	LUNG, Allison
17:20	[374] DUNE, MINERVA, HK (20 minutes)	ANDREOPOULOS, Constantinos ANDREOPOULOS, Costas
17:40	[345] Neutrino-nucleus scattering at nuSTORM (20 minutes)	

WG1 Structure Functions and Parton Densities (16:00-18:00)

time	[id] title	presenter
16:00	[201] Nuclear PDF studies with proton-lead measurements with the ALICE detector (17 minutes)	MISCHKE, Andre
16:20	[335] Constraining nuclear PDFs with CMS (17 minutes)	CHAPON, Emilien
16:40	[190] Pion-nucleus Drell-Yan data as a novel constraint for nuclear PDFs (17 minutes)	PAKKINEN, Petja
17:00	[116] The EPPS16 nuclear PDFs (17 minutes)	PAUKKUNEN, Hannu
17:20	[187] LHC and its impact on nCTEQ15 PDFs (17 minutes)	OLNESS, Fred
17:42	[365] Applications of KP Nuclear Parton Distributions (17 minutes)	PETTI, Roberto

WG2 Low x and Diffraction (16:00-18:00)

time	[id] title	presenter
16:00	[208] The growth with energy of vector meson photo-production cross-sections and low x evolution (20 minutes)	HENTSCHINSKI, Martin
16:20	[108] Dissociative charmonia photoproduction as a signal of gluon saturation at LHC (20 minutes)	CEPILA, Jan
16:40	[239] Proton structure fluctuations: from HERA to the LHC (20 minutes)	MÄNTYSAARI, Heikki
17:00	[311] NNLO predictions for dijet production in diffractive DIS (20 minutes)	ZLEBICKI, Radek
17:20	[260] NLO exclusive diffractive processes with saturation (20 minutes)	BOUSSARIE, Renaud
17:40	[194] Probing the gluon Wigner distribution in diffractive dijet production (20 minutes)	YOSHITAKA, Hatta

WG3 Higgs and BSM Physics in Hadron Collisions (16:00-18:00)

time	[id] title	presenter
16:00	[44] Dark Matter searches with the ATLAS Detector (15 minutes)	FISCHER, Cora
16:20	[163] Searches for dark matter at CMS in events with missing transverse energy (15 minutes)	LANER OGILVY, Christian
16:40	[161] Searches for electroweak production of supersymmetry with CMS (15 minutes)	ASILAR, Ece

17:00	[57] Search for direct production of charginos and neutralinos with the ATLAS detector (15 minutes)	SANTOYO CASTILLO, Itzebelt
17:20	[151] Supersymmetric signals in Z' decays (15 minutes)	CORCELLA, Gennaro
17:40	[366] Naturalness and Dark Matter in the BLSSM (15 minutes)	KING, Simon

WG4 Hadronic and Electroweak Observables (16:00-18:00)

time	[id] title	presenter
16:00	[69] High-ET isolated-photon plus jets production transverse energy correlations in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector (15 minutes)	DE LA TORRE PEREZ, Hector
16:20	[196] Combined Variables in Isolated Photon Production in Deep Inelastic Scattering at HERA (15 minutes)	HLUSHCHENKO, Olena
16:40	[192] Hard Two-Photon Contribution to Elastic Lepton-Proton Scattering Determined by the OLYMPUS Experiment (15 minutes)	KHANEFT, Dmitry
17:00	[295] Improved Transversal Momentum Factorization and production of forward jets (15 minutes)	KUTAK, Krzysztof
17:20	[172] A study of quark energy loss at the Fermilab E906/SeaQuest experiment (15 minutes)	LIN, Po-Ju

WG5 Physics with Heavy Flavours (16:00-18:20)

time	[id] title	presenter
16:00	[264] Charm physics at BESIII (20 minutes)	SHI, Xin
16:20	[258] Recent results of $B \rightarrow B_s$ decays from Belle (20 minutes)	CHANG, Paoti
16:40	[364] Neutral $B \rightarrow \mu \mu$ decays and other rare decays, and LFV and LFU in LHCb (30 minutes)	PESCATORE, Luca
17:10	[248] Decay constants of $B \rightarrow B_s$ mesons in the light cone quark model (20 minutes)	DAHIYA, Harleen
17:30	[363] Belle II early physics program of bottomonia spectroscopy and dark sector searches (20 minutes)	HAUTH, Thomas

Coffee break (18:20-19:00)

Concert: Birmingham Brass Ensemble (19:00-20:15)

Wednesday 05 April 2017

WG6 Spin and 3D Structure (09:00-10:30)

time	[id] title	presenter
09:00	[358] Nucleon tomography through Deeply Virtual Compton Scattering. (18 minutes)	SOKHAN, Daria
09:18	[197] New Deeply Virtual Compton Scattering results from Jefferson Lab (18 minutes)	MUNOZ CAMACHO, Carlos
09:36	[238] Wide-Angle Compton Scattering at Jefferson Lab (18 minutes)	HAMILTON, David
09:54	[326] Flavor decomposition with precision pion and kaon cross sections (18 minutes)	HORN, Tanja
10:12	[339] Ratios of helicity amplitudes for hard exclusive p_0 electroproduction on transversely polarized protons at HERMES (18 minutes)	VAN HULSE, Charlotte

WG7 Future of DIS (09:00-10:30)

time	[id] title	presenter
09:00	[52] Higgs physics programme at the High-Luminosity LHC with ATLAS (20 minutes)	JEZEQUEL, Stephane
09:20	[376] SM Higgs at the LHeC (20 minutes)	TANAKA, Masahiro
09:40	[355] BSM Higgs and Di-Higgs Physics at the LHeC and FCC-eh (15 minutes)	KUMAR, Mukesh
09:55	[225] Searching for doubly-charged Higgs bosons in the Georgi-Machacek model at the LHeC (15 minutes)	SUN, Hao
10:10	[352] Searches for Sterile Neutrinos at Future ep Colliders (20 minutes)	FISCHER, Oliver

WG1 Structure Functions and Parton Densities (09:00-10:30)

time	[id] title	presenter
09:00	[87] Proton structure in a light-front quark-diquark model (17 minutes)	MAJI, Tanmay
09:22	[100] Extracting sea quark spin distributions from a global Monte Carlo analysis of semi-inclusive DIS data (17 minutes)	ETHIER, Jacob
09:45	[323] Collinear and TMD densities from Parton Branching Methods (17 minutes)	LELEK, Aleksandra Anna

WG3 Higgs and BSM Physics in Hadron Collisions (09:00-10:30)

time	[id] title	presenter
09:00	[55] Search for third generation squarks with the ATLAS detector (15 minutes)	ANDERS, John Kenneth
09:18	[160] Searches for supersymmetric partners of third-generation quarks with CMS (15 minutes)	JANSOVA, Marketa
09:36	[56] Search for R-parity violating SUSY and long lived particles with the ATLAS detector (15 minutes)	BERNARD, Nathan Rogers
09:54	[54] Search for squarks and gluinos in final states with leptons with the ATLAS detector (15 minutes)	BOGAVAC, Danijela
10:12	[159] CMS searches for supersymmetry in leptonic final states (15 minutes)	SUAREZ ANDRES, Nacho

WG4 Hadronic and Electroweak Observables (09:00-10:30)

time	[id] title	presenter
09:00	[284] Search for K^+ to π^+ $\nu \nu$ at NA62 (15 minutes)	VOLPE, Roberta
09:20	[267] R measurement and QCD studies at BESIII (15 minutes)	LIN, Cui
09:40	[283] Model independent measurement of the leptonic kaon decay $K^+ \rightarrow \mu^+ \nu_\mu$ and study of the $K^+ \rightarrow \pi^+ \pi^0 e^+ e^-$ decay by the NA48/2 experiment at CERN (25 minutes)	BIZZETI, Andrea

WG5 Physics with Heavy Flavours (09:00-10:30)

time	[id] title	presenter
09:00	[272] Running of the Charm-Quark Mass from HERA Deeply Inelastic Scattering Data (18 minutes)	GEISER, Achim
09:18	[188] Energy dependent forward $B \rightarrow J/\psi$ measurements in $p+p$ collisions at PHENIX (18 minutes)	BOER, Marie
09:36	[162] Heavy flavor results from CMS (18 minutes)	RONCHESE, Paolo
09:54	[210] Effective field theory approach to open heavy flavor production in heavy-ion collisions (18 minutes)	KANG, Zhongbo
10:12	[109] Open heavy-flavour production in $p+p$ and $p+Pb$ collisions with the ALICE experiment (18 minutes)	VERTESI, Robert

Coffee break (10:30-11:00)**WG1 and WG5 joint session (11:00-13:20)**

time	[id] title	presenter
11:00	[177] Combination of beauty and charm production cross section measurements in deep inelastic ep scattering at HERA (20 minutes)	ZENAIEV, Oleksandr
11:20	[214] CTEQ-TEA distributions with intrinsic charm (20 minutes)	GUZZI, Marco
11:40	[226] Probing the Low x Gluon with Exclusive J/ψ Production (20 minutes)	JONES, Stephen
12:00	[107] Precision determination of the small- x gluon from charm production at LHCb (20 minutes)	ROJO, Juan GAULD, Rhorry
12:20	[220] Probing the gluon PDF at NNLO with top-pair differential data (20 minutes)	NOCERA, Emanuele Roberto
12:40	[242] Test of proton intrinsic charm in $\gamma (Z) + c(b)$ production at LHC (REMOTE) (20 minutes)	LYKASOV, Gennady

WG7 Future of DIS (11:00-13:00)

time	[id] title	presenter
11:00	[356] EIC realisation plans (30 minutes)	ENT, Rolf
11:30	[381] LHeC and FCC-eh (20 minutes)	PELLEGRINI, Dario
11:50	[176] A very high energy electron-proton collider (20 minutes)	WING, Matthew
12:10	[382] Future Colliders in China and ep (20 minutes)	BARREIRO GUIMARAES DA COSTA, Joao

WG2 Low x and Diffraction (11:00-13:00)

time	[id] title	presenter
11:00	[40] Studies of the underlying-event properties and of hard double parton scattering with the ATLAS detector (20 minutes)	KUPRASH, Oleg
11:20	[140] Minimum bias and underlying event measurements with CMS (20 minutes)	ROLAND, Benoit
11:40	[139] Double parton scattering studies in CMS (20 minutes)	ALVES, Gilvan Augusto
12:00	[121] Forward energy flow and jet production in pp and pA collisions at the LHC (20 minutes)	VAN DE KLUNDERT, Merijn
12:20	[327] Spinor helicity methods in DIS at small x: 3-parton production (20 minutes)	JALILIAN-MARIAN, Jamal
12:40	[35] 4-jet production in kt-factorization plus parton showers (20 minutes)	SERINO, Mirko

WG4 Hadronic and Electroweak Observables (11:00-13:00)

time	[id] title	presenter
11:00	[265] eta' decays at BESIII (15 minutes)	GARZIA, Isabella
11:20	[281] Precision measurement of the form factors of the charged kaon semileptonic decays $K^{\pm} \rightarrow \pi^{\pm} \ell^{\pm} \nu_{\ell}$ (15 minutes)	BIZZETI, Andrea
11:40	[241] Double parton scattering in the ultraviolet: addressing the double counting problem (15 minutes)	GAUNT, Jonathan
12:00	[247] Framework for evolution and resummation in double parton scattering (15 minutes)	BUFFING, Maarten
12:20	[292] Measurement of exclusive hadronic cross sections and implications on the g-2 of the muon with the BABAR detector (15 minutes)	LUKIN, Peter

WG3 Higgs and BSM Physics in Hadron Collisions (11:00-13:00)

time	[id] title	presenter
11:00	[50] ATLAS Searches for VH, HH, VV, V+gamma/gammagamma Resonances (20 minutes)	BIESUZ, Nicolo Vladi
11:24	[164] Search for new resonances decaying into W, Z and H bosons at CMS (20 minutes)	ZUCCHETTA, Alberto
11:48	[145] Searches for high mass BSM scalars (20 minutes)	NAM, Kyungwook
12:12	[144] Searches for low mass BSM particles using the 125 GeV Higgs (20 minutes)	ASAWATANGTRAKULDEE, Chayanit
12:36	[58] Searches for Heavy Higgs bosons A, H, H+ and H++ with the ATLAS detector (20 minutes)	RIU, Imma

WG6 Spin and 3D Structure (11:00-13:00)

time	[id] title	presenter
11:00	[325] Observation of Transverse Lambda Polarization in e+e- Annihilation at Belle (20 minutes)	VOSEN, Anselm
11:20	[183] Measurement of Transverse Spin Transfer of Lambda and anti-Lambda Hyperons in Polarized Proton+Proton Collisions at STAR (20 minutes)	MEI, Jincheng

11:40	[288] Polarized Drell-Yan measurements at COMPASS (20 minutes)	PARSAMYAN, Bakur
12:00	[337] The gluon Sivers asymmetry measurements at COMPASS (20 minutes)	SZABELSKI, Adam
12:20	[233] TMDs at small x (20 minutes)	ZHOU, jian
12:40	[367] Longitudinal target polarization dependent azimuthal asymmetries in SIDIS at COMPASS (20 minutes)	PARSAMYAN, Bakur

Lunch break (13:00-14:00)**WG7 Future of DIS (14:00-15:30)**

time	[id] title	presenter
14:00	[375] QCD at ee (20 minutes)	D'ENTERRIA, David D'ENTERRIA, David
14:20	[319] Precision constraints on the top-quark effective field theory at future lepton colliders (20 minutes)	DURIEUX, Gauthier
14:40	[383] Top quark physics at the LHeC (20 minutes)	SUN, Hao SUN, Hao SUN, hao
15:00	[384] Precision electroweak at the LHeC (20 minutes)	BRITZGER, Daniel BRITZGER, Daniel

WG1 and WG4 joint session (14:00-15:30)

time	[id] title	presenter
14:00	[95] Measurement of Jet Production Cross Sections in Deep-inelastic ep Scattering at HERA (17 minutes)	BRITZGER, Daniel
14:22	[307] Determination of the strong coupling constant from inclusive jet cross sections (17 minutes)	RABBERTZ, Klaus
14:44	[127] Multi-differential jet cross sections from CMS (17 minutes)	EREN, Engin
15:06	[39] Measurement of the inclusive jet & dijet production, k-t splitting in Z with the ATLAS detector (17 minutes)	DANDOY, Jeff

WG6 Spin and 3D Structure (14:00-15:30)

time	[id] title	presenter
14:00	[346] Exclusive muon-induced reactions at COMPASS (18 minutes)	FERRERO, Andrea
14:18	[298] PARTONS project and fits to high precision DVCS data (18 minutes)	SZNAJDER, Paweł
14:36	[263] Probing GPDs in the photoproduction of a photon and a rho meson with a large invariant mass (18 minutes)	BOUSSARIE, Renaud
14:54	[277] Separated pi0 electroproduction cross sections off the nucleon at Jefferson Lab Hall A (18 minutes)	SABATIÉ, Franck
15:12	[245] Generalized TMDs in the exclusive double Drell-Yan process (18 minutes)	BHATTACHARYA, Shohini

WG5 Physics with Heavy Flavours (14:00-15:30)

time	[id] title	presenter
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14:00	[80] Production of the hidden charm state $X(3872)$ and of $\psi(2S)$ with the ATLAS detector (18 minutes)	BROUGHTON, James
14:18	[266] New X , Y , and Z results from BESIII (18 minutes)	KAVATSYUK, Myroslav
14:36	[259] Exotic quarkonium-like states and spectroscopy at Belle (18 minutes)	TAMPONI, Umberto
14:54	[93] Exotic hadrons at LHCb (18 minutes)	KREPS, Michal
15:12	[348] Searches for exotic hadronic states at D0 (18 minutes)	BERTRAM, Iain

WG3 Higgs and BSM Physics in Hadron Collisions (14:00-15:30)

time	[id] title	presenter
14:00	[43] Search for New Phenomena in Dijet Events with the ATLAS Detector at $\sqrt{s} = 13$ TeV (15 minutes)	MEYER ZU THEENHAUSEN, Hanno
14:18	[166] Search for dijet resonances at CMS (15 minutes)	ZHANG, Jingyu
14:36	[182] Limits on the effective quark radius from inclusive ep scattering and contact interactions at HERA (15 minutes)	TURKOT, Oleksii
14:54	[96] Photon-Initiated processes at the LHC (15 minutes)	FIASCHI, Juri
15:12	[347] New limit on heavy neutrino from NA62 (15 minutes)	PARKINSON, Christopher John

WG2 Low x and Diffraction (14:00-15:30)

time	[id] title	presenter
14:00	[70] Measurements of multi-jet production in ultra-peripheral lead-lead collisions with the ATLAS detector (20 minutes)	KEPKA, Oldrich
14:20	[261] Production of a forward J/Psi and a backward jet at the LHC (20 minutes)	BOUSSARIE, Renaud
14:40	[280] Azimuthal-angle Observables in Inclusive Three-jet Production (20 minutes)	CHACHAMIS, Grigorios
15:00	[213] Single inclusive very forward jet production (20 minutes)	KUTAK, Krzysztof

Coffee break (15:30-16:00)

WG3 Higgs and BSM Physics in Hadron Collisions (16:00-18:00)

time	[id] title	presenter
16:00	[46] Search for vector like quarks and heavy resonances decaying to top quarks (20 minutes)	CAMINCHER, Clement
16:24	[133] Search for heavy non-SUSY BSM particles in boosted final states (20 minutes)	MEYER, Mareike
16:48	[350] Production of extra quarks decaying to Dark Matter at the LHC beyond the Narrow Width Approximation (20 minutes)	PRAGER, Hugo
17:12	[48] Searches for new phenomena in final states involving 'leptons and jets' or involving leptons using the ATLAS detector (20 minutes)	LIU, Yanlin
17:36	[165] Searches for BSM physics in dilepton, multilepton, and lepton+MET final states at CMS (20 minutes)	SAKA, Halil

WG2 Low x and Diffraction (16:00-18:00)

time	[id] title	presenter
16:00	[349] Two aspects of the Regge limit in QCD: Double Logs in Exclusive observables and Infrared Effects in Cross Sections (20 minutes)	SABIO VERA, Agustin
16:20	[104] Violation of a simple factorized form of QCD amplitudes and Regge cuts (20 minutes)	FADIN, Victor
16:40	[338] Lipatov's effective action, color glass condensate and classical gluon field of relativistic color charge (20 minutes)	BONDARENKO, Sergey
17:00	[279] Non-linear dynamics in DIS at NLO (20 minutes)	CHIRILLI, Giovanni Antonio
17:20	[305] Full NLO corrections for DIS structure functions in the dipole factorization formalism (20 minutes)	BEUF, Guillaume

WG5 Physics with Heavy Flavours (16:00-18:00)

time	[id] title	presenter
16:00	[79] Associated production of J/ψ pairs with the ATLAS detector (20 minutes)	WATSON, Miriam
16:24	[287] Quarkonia as a tool to measure DPS, gluon TMDs and (n)PDFs (20 minutes)	LANSBERG, Jean-Philippe
16:48	[303] Hidden and open heavy flavor production at $\sqrt{s}=200$ GeV in PHENIX (20 minutes)	JOUAN, Denis
17:12	[103] Quarkonium production in proton-proton collisions with ALICE at the LHC (20 minutes)	ROSNET, Philippe
17:36	[91] J/ψ production in jets in $p\bar{p}$ collisions at LHCb (20 minutes)	ILTEN, Philip

WG6 Spin and 3D Structure (16:00-18:00)

time	[id] title	presenter
16:00	[332] Illuminating Nucleon Structure Through Polarized Proton-Proton Collisions at STAR (20 minutes)	DRACHENBERG, James
16:20	[224] Overview of transverse spin physics in the PHENIX experiment (20 minutes)	BOER, Marie
16:40	[313] Possible Color Entanglement Effects in p+p and p+A Collisions (20 minutes)	SKOBY, Michael
17:00	[184] Measurement of Longitudinal Single-Spin Asymmetry for W Boson Production in Polarized Proton+Proton Collisions at STAR (20 minutes)	XU, Qinghua
17:20	[251] Using Longitudinally Polarized Proton+Proton Collisions To Constrain the Polarized Gluon Distribution Through Di-jet Measurements at $\sqrt{s} = 510$ GeV at STAR (20 minutes)	SURROW, Bernd
17:40	[255] Disentangling transverse single spin asymmetries for very forward neutrons in polarized p-A collisions using ultra-peripheral collisions (20 minutes)	MITSUKA, Gaku

WG1 and WG4 joint session (16:00-18:00)

time	[id] title	presenter
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16:00	[38] Measurement of photon production cross sections with the ATLAS detector (15 minutes)	GLASMAN KUGUEL, Claudia Beatriz
16:20	[199] Impact of the inclusion of precise $Z \rightarrow \mu^+ \mu^-$ distributions in a PDF fit (15 minutes)	UBIALI, Maria
16:40	[106] High Precision Measurement of the differential W and Z boson cross-sections (15 minutes)	SOMMER, Philip
17:00	[89] W, Z and top production measurements at LHCb (15 minutes)	KUCHARCZYK, Marcin
17:20	[114] Features of W production in p-p, p-Pb and Pb-Pb collisions (15 minutes)	PAUKKUNEN, Hannu

WG7 Future of DIS (16:00-18:00)

time	[id] title	presenter
16:00	[357] JLEIC Detector (20 minutes)	ENT, Rolf
16:20	[385] LHeC and FCC-eh (20 minutes)	KLEIN, Max KLEIN, Max KLEIN, Max
16:40	[291] The sPHENIX Detector: The Future of Heavy-Ion Collisions at RHIC, and a Foundation for an EIC Detector (20 minutes)	
17:00	[81] Expected Performance of the ATLAS Inner Tracker at the High-Luminosity LHC (20 minutes)	CALACE, Noemi
17:20	[155] The ATLAS Tile Calorimeter, its performance with 13 TeV proton-proton collisions, and its upgrades for the high luminosity LHC. (20 minutes)	DANDOY, Jeff

Conference Banquet (19:30-22:30)

Thursday 06 April 2017

WG4 Hadronic and Electroweak Observables (09:00-10:30)

time	[id] title	presenter
09:00	[362] Tevatron Combination of Effective Weak Angle Measurements in Drell-Yan Di-electron and Di-muon Channels at CDF and D0, and Review of Direct and Indirect W Mass Measurements (25 minutes)	BERTRAM, Iain
09:30	[66] Measurement of the W boson mass with the ATLAS detector (15 minutes)	BALLI, Fabrice
09:50	[230] A Study of the Top Mass Determination Using New NLO+PS generators (15 minutes)	JEZO, Tomas
10:10	[229] The Loop-Tree Duality: Progress Report (15 minutes)	CHACHAMIS, Grigorios

WG1 Structure Functions and Parton Densities (09:00-10:30)

time	[id] title	presenter
09:00	[125] PDF results from CMS V+jets measurements (17 minutes)	ROLAND, Benoit
09:22	[105] The photon PDF from high-mass Drell Yan data at the LHC (17 minutes)	GIULI, Francesco
09:44	[342] Exploring Meson and Nucleon Structure with Tagged Structure Functions (17 minutes)	KEPPEL, Cynthia
10:06	[317] Neutrino Nucleus Deep Inelastic Scattering at MINERvA (17 minutes)	WOSPAKRIK, Marianne

WG2 Low x and Diffraction (09:00-10:30)

time	[id] title	presenter
09:00	[42] Measurements on hadron production in proton-proton collisions with the ATLAS detector (30 minutes)	ZENIS, Tibor
09:30	[275] Quark correlations in the Color Glass Condensate (20 minutes)	ARMESTO PEREZ, Nestor
09:50	[294] Fluctuations of the multiplicity of produced particles in onium-nucleus collisions (20 minutes)	MUNIER, Stéphane
10:10	[296] Inclusive dihadron production at 7 and 13 TeV LHC in the full next-to-leading BFKL approach (20 minutes)	CELIBERTO, Francesco Giovanni

WG7 Future of DIS (09:00-10:30)

time	[id] title	presenter
09:00	[386] Nuclear Physics in eA (30 minutes)	ARMESTO PEREZ, Nestor ARMESTO PEREZ, Nestor
09:30	[387] Diffraction (LHeC and EIC) (20 minutes)	NEWMAN, Paul Richard
09:50	[211] Nuclear Parton Distributions at the future Electron-Ion Collider (20 minutes)	FAZIO, Salvatore
10:10	[388] Nuclear PDFs (LHeC) (20 minutes)	PAUKKUNEN, Hannu PAUKKUNEN, Hannu

WG6 Spin and 3D Structure (09:10-10:30)

time	[id] title	presenter
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09:10	[306] Accessing GPDs in neutrino production of heavy mesons (20 minutes)	WAGNER, Jakub
09:30	[126] Wigner Distributions of Quarks and Gluons (20 minutes)	MUKHERJEE, Asmita
09:50	[297] 3D structure of hadrons by generalized distribution amplitudes (20 minutes)	KUMANO, Shunzo
10:10	[316] Exclusive pion-induced Drell-Yan process at J-PARC for accessing the nucleon GPDs and soft nonfactorizable mechanism (20 minutes)	TANAKA, Kazuhiro

Coffee break (10:30-11:00)

WG2 Low x and Diffraction (11:00-13:00)

time	[id] title	presenter
11:00	[308] Small x resummation effects in forward Drell-Yan structure functions (20 minutes)	MOTYKA, Leszek
11:20	[270] Implementing consistent NLO factorization in single inclusive forward hadron production (20 minutes)	DUCLOUE, Bertrand
11:40	[223] Rapidity evolution of gluon TMDs from low to moderate x (20 minutes)	BALITSKY, Ian
12:00	[243] Small-x (generalized) TMD gluon distributions in the Color Glass Condensate (20 minutes)	PETRESKA, Elena
12:20	[360] Color coherence effects in TMD evolution (20 minutes)	ZLEBICKI, Radek
12:40	[148] TMD splitting functions and the corresponding evolution equation (20 minutes)	KUSINA, Aleksander

WG1 Structure Functions and Parton Densities (11:00-13:00)

time	[id] title	presenter
11:00	[198] Towards small-x phenomenology (17 minutes)	ROTTOLI, Luca
11:22	[274] Large-nf contributions to the four-loop splitting functions in QCD (17 minutes)	DAVIES, Josh
11:44	[309] Evidence of higher twist effects in HERA DIS data (17 minutes)	MOTYKA, Leszek
12:06	[217] CTEQ-TEA Monte-Carlo replica PDFs (17 minutes)	JUN, Gao
12:28	[175] The xFitter Project (17 minutes)	OLNESS, Fred

WG4 Hadronic and Electroweak Observables (11:00-13:00)

time	[id] title	presenter
11:00	[132] Electroweak corrections to vector boson pair production at the Large Hadron Collider (15 minutes)	BIEDERMANN, Benedikt
11:20	[124] Multiboson measurements from CMS (25 minutes)	DURIC, Senka
11:50	[63] Measurement of the diboson production cross section at 8TeV and 13TeV and limits on anomalous triple gauge couplings with the ATLAS detector (14 minutes)	BURGER, Angela Maria
12:07	[118] Large electroweak corrections to vector-boson scattering at the LHC (15 minutes)	PELLEN, Mathieu

12:27	[64] Vector boson scattering, triple gauge-boson final states and limits on anomalous quartic gauge couplings with the ATLAS detector (14 minutes)	JOHNSON, Christian
12:44	[65] Measurements of Vector boson fusion with the ATLAS detector (14 minutes)	HAYS, Chris

WG6 and WG7 joint session (11:00-13:00)

time	[id] title	presenter
11:00	[315] Deuteron spin structure in inclusive and tagged spectator processes in the virtual nucleon approximation (20 minutes)	COSYN, Wim
11:20	[389] Pi/K structure (20 minutes)	HORN, Tanja
11:40	[209] Exploring the Proton Spin with Di-jets at a Future EIC (20 minutes)	PAGE, Brian
12:00	[219] Measurement of Gluon Orbital Angular Momentum at EIC (20 minutes)	ZHAO, Yong
12:20	[244] Dipole-type gluon TMDs at small x (20 minutes)	VAN DAAL, Tom
12:40	[359] MCEG for TMD physics: the quest to characterize perturbative and non perturbative QCD phenomena (20 minutes)	SATO, Nobuo

Excursions - School of Physics and Astronomy (13:15-22:15)

Friday 07 April 2017

Closing Plenary Session: Part 1 (09:00-10:40)

-Conveners: Fred Olness

time	[id] title	presenter
09:00	[16] Topical Lecture: Probing low-x QCD with cosmic neutrinos (30 minutes)	SARKAR, Subir
09:40	[17] Working Group 1 Summary (20 minutes)	KRETZSCHMAR, Jan HARLAND-LANG, Lucian ILTEN, Philip
10:10	[18] Working Group 4 Summary (20 minutes)	BELLONI, Alberto ZARO, Marco MARTIN, Tim

Coffee break (10:40-11:10)

Closing Plenary Session: Part 2 (11:10-12:40)

-Conveners: Barbara Badelek

time	[id] title	presenter
11:10	[20] Working Group 2 Summary (20 minutes)	STASTO, Anna TAPIA TAKAKI, Daniel GACH, Grzegorz
11:40	[19] Working Group 3 Summary (20 minutes)	HAYS, Chris VRYONIDOU, Eleni KOGLER, Roman
12:10	[21] Working Group 5 Summary (20 minutes)	PEARCE, Alex GIAMMANCO, Andrea GAULD, Rhorry

Lunch break (12:40-13:40)

Closing Plenary Session: Part 3 (13:40-14:10)

time	[id] title	presenter
13:40	[22] Working Group 6 Summary (20 minutes)	VAN HULSE, Charlotte HORN, Tanja KANG, Zhongbo

Special Session on Future DIS Experiments (14:10-15:25)

-Conveners: Halina Abramowicz

time	[id] title	presenter
14:10	[28] WG7 Summary (15 minutes)	KLEIN, Max YOSHIDA, Rik
14:30	[29] Electron Ion Collider Scientific Programme (20 minutes)	MUELLER, Berndt YOSHIDA, Rik
14:50	[30] Large Hadron electron Collider Scientific Programme (20 minutes)	KLEIN, Max
15:10	[31] Discussion on Future DIS Prospects (15 minutes)	

Coffee break (15:25-15:55)**Closing Plenary Session: Part 4 (15:55-16:50)****-Conveners: Robert Thorne**

time	[id] title	presenter
15:55	[24] Vision for the Future of Strong Interactions and DIS (30 minutes)	ELLIS, Keith
16:30	[25] Report from the International Advisory Committee (10 minutes)	LEVY, Aharon
16:40	[26] Closing of the Meeting (10 minutes)	NEWMAN, Paul