

## Wednesday 24 April 2013

### **WG1/3: Structure Functions and Electroweak Physics: EW-bosons in QCD analysis - Callelongue**

**(08:30-10:30)**

time	title	presenter
08:30	W and Z boson production at CMS	KHUKHUNAISHVILI, Aleko
08:54	Measurement of the Neutral Current DY process with the ATLAS detector	NIKOLICS, Katalin
09:18	Electroweak corrections to Parton distributions	CARRAZZA, Stefano
09:42	The Impact of PDF uncertainties on the measurement of the W boson mass at the Tevatron and the LHC	ROJO CHACON, Juan
10:06	Electroweak boson production at LHCb	TOURNEUR, Stephane

### **WG2: Low x and Diffraction: Exclusive production - Endoume 2 (08:30-12:30)**

time	title	presenter
08:30	Exclusive production of one and two heavy quarkonia in nuclear collisions	SCHAEFER, Wolfgang
08:50	From Hard Exclusive Meson Electroproduction to Deeply Virtual Compton Scattering	SABATIE, Franck
09:10	Elastic and proton dissociative J/psi meson photoproduction at HERA	GOGITIDZE, Nelly
09:30	Exclusive J/psi and psi(2S) production in pp collisions at sqrt(s)=7 TeV	MCNULTY, Ronan
09:50	New results on diffractive and exclusive production from CDF	GOULIANOS, Konstantin
10:10	Exclusive processes in pp collisions in CMS	DA SILVEIRA, Gustavo Gil
10:30	Coffee break	
11:00	Charmonium and e+e- pair photoproduction in ultra peripheral Pb-Pb collisions at sqrt(s_NN)=2.76 TeV	SCAPPARONE, Eugenio

### **WG4: QCD and HFS: WG4.3 - Sormiou (08:30-10:30)**

- **Conveners: Glasman, Claudia; Banfi, Andrea; Dr. Malaescu, Bogdan**

time	title	presenter
08:30	NLO predictions for multileg processes using BlackHat and Sherpa	MAITRE, Daniel
08:50	Precision Multiboson Phenomenology	CAMPANARIO, Francisco
09:10	Inclusive Cross Sections in ME+PS Merging	PLÄTZER, Simon
09:30	Nonperturbative and Parton Shower corrections in matched NLO-shower event generators	DOOLING, Samantha Katherine
09:50	Vector boson + jets from kT-dependent parton showers	JUNG, Hannes
10:10	Using 1-Jettiness to Measure 2 Jets in DIS 3 ways	KANG, Daekyoung

### **WG5: Heavy Flavours: Top-quark physics // Heavy flavour from heavy ions, part #1 - Morgiou**

**(08:30-12:30)**

- **Conveners: Naumann-Emme, Sebastian; Sauter, Michel; Szczurek, Antoni**

time	title	presenter
08:30	Measurements of single top quark processes with CMS	ROCKER, Steffen

08:50	Is the difference between pole and $M_{\bar{s}}$ masses of top-quark?	KALMYKOV, Mikhail
09:10	Top quark mass measurements with CMS	BROCHERO CIFUENTES, Javier
09:30	Intrinsic top quark properties - top mass, charge and polarisation	FRANCHINI, Matteo
09:50	Measurements of the top-quark properties at CMS	YAZGAN, Efe
10:10	Top quark pair properties - spin correlations, charge asymmetry and complex final states	HOWARTH, James William
10:30	Coffee break	
11:00	Open Heavy Flavor Results from PHENIX	PATEL, Laura
11:20	Open heavy flavor production at STAR	DANIEL, Kikola
11:40	Quarkonia results from PHENIX	SEN, Abhisek
12:00	Quarkonium measurements at STAR	BIELCIK, Jaroslav

### **WG6: Spin: WG6.3 - Endoume 3 (08:30-12:40)**

time	title	presenter
08:30	Recent HERMES Results on DVCS and Associated Processes	YASCHENKO, Sergey
08:50	Generalized parton distributions from neutrino experiments	SIDDIKOV, Marat
09:10	On timelike and spacelike deeply virtual Compton scattering at next to leading order	WAGNER, Jakub
09:30	Resummation of soft-collinear contributions in deeply virtual Compton scattering	WALLON, Samuel
09:50	Spin-density matrix elements in hard exclusive electroproduction of omega mesons	MARIANSKI, Bohdan
10:10	Transverse target spin asymmetries in exclusive $\rho^0$ muoproduction	SCHMIDT, Katharina
10:30	Coffee Break	
11:00	From form factors to generalized parton distributions	DIEHL, Markus
11:20	Evolution of the helicity and transversity Transverse-Momentum-Dependent parton distributions	PROKUDIN, Alexei
11:40	Universality of TMD distribution functions	BUFFING, Maarten
12:00	Towards the phenomenology of TMD's at NNLL	SCIMEMI, Ignazio

### **WG7: Future experiments: LHC/RHIC detector upgrades and fixed-target experiments at CERN - Endoume 1 (08:30-12:40)**

- **Conveners: Armesto Perez, Nestor; Dr. Buniatyan, Armen; Sabatié, Franck**

time	title	presenter
08:30	Upgrade and physics prospects of ALICE	MOLNAR, Levente
09:00	ATLAS Upgrades Towards the High Luminosity LHC: extending the discovery potential	MIGLIORANZI, Silvia
09:30	The LHCb upgrade	MARCONI, Umberto
10:00	PHENIX detector upgrades for enhanced physics programs	GOTO, Yuji
10:30	Coffee break	
11:00	AFTER@LHC: A Fixed-Target Experiment at the LHC	RAKOTOZAFINDRABE, Andry HADJIDAKIS, Cynthia
11:25	Prospects for $K \rightarrow p + \nu$ observation at CERN	CASSESE, Antonio

11:50	CHIC (Charm in Heavy Ion Collisions): An experiment to measure charm production at the CERN SPS	FLEURET, Frédéric
12:15	Future GPD measurements using COMPASS at CERN	BURTIN, Etienne

### **WG1: Structure Functions: Transverse-momentum PDFs (TMDs) - Callelongue (11:00-12:30)**

- **Conveners: Keppel, Cynthia; Lipka, Katerina; Prof. Nadolsky, Pavel**

time	title	presenter
11:00	TMD quark distributions at small x	HENTSCHINSKI, Martin
11:22	Proton structure functions and physical evolution kernels	HENTSCHINSKI, Martin
11:44	Determination of TMDs with HERA data	JUNG, Hannes
12:06	BFKL Evolution as a Communicator Between Small and Large Energy Scales	KOWALSKI, Henri Paul

### **WG3/4: QCD, Hadronic Final States and Electroweak Physics: Joint QCD/HFS - EW session - Sormiou (11:00-12:40)**

- **Conveners: Oh, Alexander; Stoye, Markus; Vicini, Alessandro; Banfi, Andrea; Glasman, Claudia; Dr. Malaescu, Bogdan**

time	title	presenter
11:00	Production of Z0 bosons in elastic and quasi-elastic ep collisions at HERA	KUZE, Masahiro
11:20	Search for exotic heavy quark partners	PAGANO, Davide
11:40	Search for exotic resonances with top quarks	PAGANO, Davide
12:00	MultiJet Predictions for Higgs Studies	ANDERSEN, Jeppe

### **WG3: Electroweak and Searches: BSM searches, part #1 - Sormiou (14:00-16:00)**

time	title	presenter
14:00	Search for First-Generation Leptoquarks at HERA	WICHMANN, Katarzyna
14:20	Search for heavy resonances with the ATLAS detector	ZIMMERMANN, Simone
14:40	Search for resonant diboson production with the ATLAS detector	LOSCUTOFF, Peter Vladimír
15:00	Searches for long-lived particles and lepton-jets with the ATLAS detector	PAIS, Preema Rennee
15:20	Searches for monojets and monophotons with the ATLAS detector	CAMINAL ARMADANS, Roger
15:40	Searches for vector-like quarks and t $\bar{t}$ resonances with the ATLAS detector	WEBSTER, Jordan S

### **WG1: Structure Functions: Neutron, Helium and double-parton interactions - Callelongue (14:00-16:00)**

- **Conveners: Keppel, Cynthia; Lipka, Katerina; Prof. Nadolsky, Pavel**

time	title	presenter
14:00	Neutron Structure at Large x	KEPPEL, Cynthia
14:25	Re-evaluation of the Parton Distributions of Strangeness in the nucleon	JACKSON JR, Harold E
14:45	Helium Compton Form Factor Measurements at CLAS	VOUTIER, Eric
15:10	The EMC Effect and Short-Range Correlations	PIASETZKY, Eliezer

### **WG2: Low x and Diffraction: Diffraction, DVCS, and theory - Endoume 2 (14:00-17:30)**

time	title	presenter
14:00	Exclusive diffractive photon bremsstrahlung at high energies	SZCZUREK, Antoni
14:20	Diffractive production of quark-antiquark pairs	SZCZUREK, Antoni
14:40	Single and double diffractive prompt photon production at the LHC	BRENNER MARIOTTO, Cristiano
15:00	Diffractive vector meson production at HERA using holographic AdS/QCD wavefunctions	SANDAPEN, Ruben
15:20	Combined inclusive diffractive cross sections measured with forward proton spectrometers in deep inelastic ep scattering at HERA	OLSSON, Jan
15:40	Measurements of diffraction in p-p collisions in CMS	CIESIELSKI, Robert Adam CIESIELSKI, Robert
16:00	Coffee break	
16:30	A model for high energy rho meson leptonproduction based on collinear factorization and dipole models	BESSE, Adrien

### **WG4/5: Heavy Flavours, QCD and Hadronic Final States: Joint QCD/HFS - HF session - Morgiou (14:00-16:00)**

- **Conveners: Sauter, Michel; Dr. Malaescu, Bogdan; Glasman, Claudia; Banfi, Andrea; Naumann-Emme, Sebastian; Szczurek, Antoni**

time	title	presenter
14:00	Production of the excited charm mesons $D_1$ and $D_2^{*}$ at HERA	VERBYTSKYI, Andrii
14:20	Measurement of charm fragmentation fractions in photoproduction at HERA	PAUL, Ewald
14:40	Measurement of the flavour composition of dijet events in pp collisions with ATLAS	SHIMIZU, Shima
15:00	Production of two $c\bar{c}$ pairs in double-parton scattering within $k_T$ -factorization approach	MACIULA, Rafal SZCZUREK, Antoni
15:20	Double parton interactions in double $J/\Psi$ production at LHC	ZOTOV, Nikolay
15:40	Measurement of Quarkonium Production with CMS	YORK, Andrew

### **WG6: Spin: WG6.4 - Endoume 3 (14:00-17:30)**

time	title	presenter
14:00	Measurement of Collins asymmetries in $e^+e^-$ annihilation at BaBar	GARZIA, Isabella
14:20	Studies of TMDs with CLAS	AGHASYAN, Mher
14:40	COMPASS results on the Collins and Sivers asymmetries	MARTIN, Anna
15:00	Transverse spin asymmetries at COMPASS: beyond Collins and Sivers effects	PARSAMYAN, Bakur
15:20	COMPASS results on transverse spin dependent azimuthal asymmetries in two-hadron production in SIDIS	BRAUN, Christopher
15:40	Dihadron production in semi-inclusive DIS from transversely polarized protons	GLISKE, Stephen
16:00	Coffee Break	
16:30	Extraction of Transversity and Collins functions	MELIS, Stefano
16:50	Valence transversities: the collinear extraction.	COURTOY, Aurore
17:10	Beam spin asymmetry of neutral pion in semi-inclusive electroproduction	LU, Zhun

**WG7: Future experiments: LHeC/EICs, part #1 - Endoume 1 (14:00-17:55)**

time	title	presenter
14:00	Prospects for the LHeC	KLEIN, Max
14:30	The LHeC accelerator system	BRUENING, Oliver
14:55	The LHeC detector	SOUTH, David
15:20	eRHIC: New Technology Frontiers in machine, IR and detector design	ASCHENAUER, elke-caroline
15:45	Process dependence and Sivers effect-SIDIS and inclusive jet production	PROKUDIN, Alexei
16:05	Coffee break	
16:35	Status of MEIC Design Studies	ZHANG, Yuhong
17:05	Physics capabilities at the MEIC at JLab	NADEL-TURONSKI, Pawel

**WG1/3: Structure Functions and Electroweak Physics: PDF constraints from electroweak Bosons and Heavy Quarks - Callelongue (16:30-17:54)**

time	title	presenter
16:30	Charm production in association with an electroweak gauge boson at the LHC	VRYONIDOU, Eleni
16:50	Weak radiative corrections to dijet production at hadron colliders	HUSS, Alexander
17:10	Measurement of V+heavy flavour production at ATLAS	LANGE, Clemens
17:30	Recent STAR results on the W boson program at RHIC at BNL	SURROW, Bernd

**WG4: QCD and HFS: Hadron production - Sormiou (16:30-17:30)**

time	title	presenter
16:30	Study of Feynman Scaling in Very Forward Neutron and Photon Production in Deep-Inelastic Scattering at HERA	ZOHRABYAN, Hamlet
16:45	Measurement of inclusive production of light charged hadrons at BaBar	GARZIA, Isabella
17:00	Study of $e^+e^- \rightarrow p \text{ anti-}p$ process at BaBar	MULLER, David
17:15	Recent results on quarkonium spectroscopy and exotic quarkonium-like resonances at Belle	SANTEL, Daniel

**WG5: Heavy Flavours: Heavy flavour from heavy ions, part #2 - Morgiou (16:30-17:30)**

time	title	presenter
16:30	Studying hot QCD matter at the CERN-LHC with heavy quarks	MISCHKE, Andre
16:50	Open heavy-flavour production with the ALICE experiment at the LHC	STOCCO, Diego

**Social Programme: Visit of Palais du Pharo (optional) - (19:00-19:30)****Social Programme: Conference Dinner - Espace Vieux Port (19:30-22:00)**