

## Thursday 25 April 2013

### **WG3: Electroweak and Searches: BSM searches, part #2 // Electroweak precision measurements -**

**Sormiou (08:30-12:40)**

- **Conveners: Stoye, Markus (CERN); Oh, Alexander (University of Manchester (GB)); Vicini, Alessandro (Università degli Studi e INFN Milano (IT))**

time	[id] title	presenter
08:30	[91] Searches for new Physics in events with multiple leptons with the ATLAS detector	YU, David Ren-Hwa (Lawrence Berkeley National Lab. (US))
08:50	[205] Searches for new physics with leptons and/or jets at CMS	VUOSALO, Carl (Ohio State University (US))
09:10	[262] Search for new physics in lepton + MET final states	MILLET, Philipp (Rheinisch-Westfaelische Tech. Hoch. (DE))
09:30	[209] Searches for new heavy resonances and large extra dimensions at CMS	SCHMITZ, Stefan Antonius (Rheinisch-Westfaelische Tech. Hoch. (DE))
09:50	[296] W' and Z' searches at the LHC	ACCOMANDO, Elena (University of Southampton)
10:10	[292] Lepton flavour universality and lepton flavour conservation tests in kaon decays at CERN, Measurement of the ratio of charged kaon leptonic decay rates prospects for forbidden kaon and pion decay modes	PODOLSKY, Sergey (UCL (Louvain-la-Neuve)) PADOLSKI, Siarhei (Universite Catholique de Louvain (BE))
10:30	Coffee break	
11:00	[155] EW precision measurements at the LHC: theory review	BARZE, Luca (CERN)
11:20	[97] Measurement of the forward-backward asymmetry in NC DY process with ATLAS	CAPUTO, Regina (Johannes-Gutenberg-Universitaet Mainz (DE))
11:40	[266] Measurements of the W boson mass and muon charge asymmetry with the D0 detector	QUINN, Breese (University of Mississippi)
12:00	[28] The resummation of the low-phistar domain of Z production	TOMLINSON, Lee (University of Manchester (GB))
12:20	[96] Measurement of the Z boson transverse momentum: direct and using phi* variable with ATLAS	YATSENKO, Elena (Deutsches Elektronen-Synchrotron (DE))

**WG1/5: Structure Functions and Heavy Flavours: Heavy Quarks in QCD analyses - Callelongue**  
**(08:30-12:30)**

time	[id] title	presenter
08:30	[10] Combination and QCD Analysis of Charm Production Cross Section Measurements in Deep-Inelastic ep Scattering at HERA	GEISER, Achim (DESY)
08:55	[158] Heavy-quark production in deep-inelastic scattering	ALEKHIN, Sergey
09:20	[21] Impact of scheme dependence in PDFs on measurable quantities	KUSINA, Aleksander (Southern Methodist University)
09:45	[34] Measurement of D <sup>+</sup> production in Deep Inelastic ep Scattering with the ZEUS detector at HERA	ZENAIEV, Oleksandr
10:05	[35] Measurement of charm production in DIS with D* mesons and extraction of F <sub>2cc</sub>	BACHYNSKA, Olena (Deutsches Elektronen-Synchrotron (DESY)) BACHYNSKA, Olena (DESY)
10:30	Coffee break	
11:00	[293] 3-Loop Heavy Flavor Corrections to Deep-Inelastic Scattering	BLUEMLEIN, Johannes (DESY)
11:25	[111] Charm quark mass dependence in CTEQ NNLO global analysis	GUZZI, Marco (Desy Hamburg)
11:50	[62] Probing the intrinsic heavy quark content of the nucleon through direct photon plus heavy quark production	STAVREVA, Tzvetalina (LPSC)

**WG2/4: Diffraction and QCD: Joint QCD/HFS - Low x/Diff session - Morgiou (08:30-10:30)**

- **Conveners:** Glasman, Claudia (Universidad Autonoma de Madrid); Banfi, Andrea (University of Sussex); Dr. Malaescu, Bogdan (Univ. P. et Marie Curie (Paris VI) (FR)); Abramowicz, Halina (Tel Aviv University (IL)); Hollar, Jonathan (Lawrence Livermore National Laboratory); Wallon, Samuel

time	[id] title	presenter
08:30	[126] Studies of the underlying event with ATLAS	KEPKA, Oldrich (Acad. of Sciences of the Czech Rep. (CZ))
08:50	[145] Diffractive mechanisms in pp $\rightarrow$ pp $\pi^0$ reaction at high energies	LEBIEDOWICZ, Piotr (Institute of Nuclear Physics PAN)
09:10	[256] Modeling the elastic differential cross-section at LHC	FAGUNDES, Daniel
09:30	[198] Forward jets, forward+central dijets and dijets with large rapidity separations in p-p collisions in CMS	KNUTSSON, Albert (University of Antwerp (BE))
09:50	[54] Diffractive dijet photoproduction in ep collisions with a leading proton at HERA.	ZLEBICKI, Radek
10:10	[49] Mueller Navelet jets at LHC: a clean test of QCD resummation effects at high energy?	DUCLOUE, Bertrand (LPT Orsay)

**WG6: Spin: WG6.5 - Endoume 3 (08:30-12:30)**

time	[id] title	presenter
08:30	[224] Unpolarized azimuthal asymmetries in SIDIS at COMPASS	PARSAMYAN, Bakur (Universita e INFN (IT))
08:50	[27] Single-spin asymmetry for forward neutron production	SOFFER, Jacques (Temple University, Philadelphia, PA USA)
09:10	[141] On the role of the Sivers effect in AN for inclusive particle production in pp collisions	MELIS, Stefano (University of Torino and INFN)
09:30	[184] Large p_T Forward Transverse Single Spin Asymmetries of $\pi^0$ Mesons at $\sqrt{s}=200$ and 500 GeV from STAR.	HEPPELMANN, Steven (Penn State University for the STAR Collaboration)
09:50	[231] Highlights of Transverse Spin Physics in PHENIX	EYSER, Oleg (B)
10:30	Coffee Break	
11:00	[236] Determining the Higgs spin and parity in the di-photon decay channel using gluon polarization	DEN DUNNEN, Wilco (University of Tübingen) DEN DUNNEN, Wilco (VU University Amsterdam)
11:20	[41] Gluon correlations in the transversely polarized nucleon at twist three	TANAKA, Kazuhiro
11:40	[244] Linearly polarized gluon distributions at small-x	DOMINGUEZ, Fabio (IPhT Saclay)
12:00	[107] Contribution of the twist-3 fragmentation function to single transverse-spin asymmetry in SIDIS	KANAZAWA, Koichi (Niigata University)

**WG7: Future experiments: EIC/LHeC, part #2 - Endoume 1 (08:50-12:30)**

- Conveners: Dr. Buniatyan, Armen (DESY); Sabatié, Franck (CEA Saclay); Armesto Perez, Nestor (Universidade de Santiago de Compostela (ES))

time	[id] title	presenter
08:50	[135] A detailed study of the nucleus at an Electron-Ion Collider	LAMONT, Matthew (BNL)
09:15	[29] Looking at the photoproduction of massive gauge bosons at the LHeC	MACHADO, Magno (IF-UFRGS)
09:40	[194] Low-x Physics at the LHeC	ARMESTO PEREZ, Nestor (Universidade de Santiago de Compostela (ES))
10:05	[104] Physics of the Higgs boson at the LHeC	MELLADO GARCIA, Bruce (University of Wisconsin (US))
10:30	Coffee break	
11:00	[255] Detailed studies of neutrino-nucleus scattering with nuSTORM	TAYLOR, Ian (Warwick University)
11:25	[183] ePHENIX at eRHIC	DEHMELT, Klaus (Stony Brook University USA)
11:50	[297] DPHEP: From Study Group to Collaboration	SOUTH, David (DESY)
12:10	[40] Exploring Confinement at CERN	KRASNY, Mieczyslaw Witold (Univ. P. et Marie Curie (Paris VI) (FR))

**WG4: QCD and HFS: Developments in Monte Carlo and resummations - Morgiou (11:00-12:40)**

- **Conveners: Banfi, Andrea (University of Sussex); Glasman, Claudia (Universidad Autonoma de Madrid); Dr. Malaescu, Bogdan (Univ. P. et Marie Curie (Paris VI) (FR))**

time	[id] title	presenter
11:00	[43] Description of the ATLAS jet-veto measurement using the Banfi-Marchesini-Smye equation	MARQUET, Cyrille
11:20	[50] Resummation of clustering logarithms for non-global QCD observables	DELENDIA, Yazid (Université Hadj Lakhdar - Batna)
11:40	[247] The Vincia parton shower	RITZMANN, Mathias (IPhT CEA/Saclay)
12:00	[160] Tools for calculations in color space	SJODAHL, Malin (Lund University)
12:20	[275] Monte Carlo techniques in small-x physics: Formal studies and phenomenology	CHACHAMIS, Grigorios (IFIC (CSIC/UV) Valencia)

**Social Programme: Excursions - (14:00-18:00)**