



# DIS 2014 - XXII. International Workshop on Deep-Inelastic Scattering and Related Subjects

## Tuesday, April 29, 2014

### WG1: Structure Functions and Parton Densities - Auditorium (8:30 AM - 12:40 PM)

-Conveners: Vladimir Chekelian; Richard David Ball; Karol Kovarik

| time     | [id] title  | presenter                   |
|----------|---|-----------------------------|
| 8:30 AM  | [M7] Deep inelastic cross section measurements at large $y$ with the ZEUS detector at HERA  | GREBENYUK, Julia            |
| 8:53 AM  | [M2] Measurement of Inclusive $ep$ Cross Sections at High $Q^2$ at $\sqrt{s} = 225$ and $252$ GeV and of the Longitudinal Proton Structure Function $F_L$ at HERA | SHUSHKEVICH, Stanislav      |
| 9:16 AM  | [M5] Measurement of neutral current $e\pm p$ cross sections at high Bjorken $x$ with the ZEUS detector  | LEVY, Aharon                |
| 9:40 AM  | [M25] Combination of Inclusive $ep$ Cross-Section Measurements at HERA  | TURKOT, Oleksii             |
| 10:05 AM | [M1] HERAPDF2.0 fits including all HERAI+II inclusive data sets   | RADESCU, Voica Ana Maria    |
| 10:30 AM | Coffee break  |                             |
| 11:00 AM | [M48] Updates of PDFs in the MSTW framework   | Prof. THORNE, Robert Samuel |
| 11:25 AM | [M4] CT10 NNLO Global Analysis update and QED effects in PDFs   | SCHMIDT, Carl               |
| 11:50 AM | [M2] The NNPDF3.0 parton set for the next LHC run   | Dr UBIALI, Maria            |
| 12:15 PM | [M1] Disentangling quark distributions with the collider and fixed-target and data in the ABM PDF fit   | ALEKHIN, Sergey             |

### WG1: Structure Functions and Parton Densities - C (2:20 PM - 6:10 PM)

-Conveners: Karol Kovarik; Vladimir Chekelian; Richard David Ball

| time    | [id] title  | presenter             |
|---------|---|-----------------------|
| 2:20 PM | [M7] HERAPDF1.5LO PDF Set with Experimental Uncertainties                             | SARKAR, Amanda        |
| 2:45 PM | [M39] HERAFitter - an open source QCD Fit platform                                    | PIRUMOV, Hayk         |
| 3:10 PM | [M38] Parton distribution functions at LO, NLO and NNLO with correlated uncertainties | LISOVYI, Mykhailo     |
| 3:35 PM | [M71] Discussion of the color-dipole picture including final HERA results             | SURROW, Bernd         |
| 4:00 PM | Coffee break  |                       |
| 4:30 PM | [M23] Transverse momentum dependent gluon density from DIS precision data             | JUNG, Hannes          |
| 4:55 PM | [M9] Impact parameter space and transverse distortion                                 | Dr DAHIYA, Harleen    |
| 5:20 PM | [M0] TMD PDFs in the Laguerre polynomial basis  | Dr VLADIMIROV, Alexey |
| 5:45 PM | [M92] Update on the CJ (CTEQ-Jefferson Lab) PDFs                                      | ACCARDI, Alberto      |

# Wednesday, April 30, 2014

## WG1: Structure Functions and Parton Densities - B (8:30 AM - 12:30 PM)

-Conveners: Karol Kovarik; Vladimir Chekelian; Richard David Ball

| time     | [id] title  | presenter              |
|----------|---|------------------------|
| 8:30 AM  | [M5] Impact of ATLAS data on parton density functions   | NEWMAN, Paul Richard   |
| 8:55 AM  | [M4] Measurement of the Neutral Current DY process with the ATLAS detector  | YATSENKO, Elena        |
| 9:20 AM  | [M9] Latest results on inclusive W/Z production at CMS  | WOLLNY, Heiner         |
| 9:45 AM  | [M2] AlphaS extraction and PDF constraints from jet measurements at CMS   | SIEBER, Georg          |
| 10:10 AM | Coffee break  |                        |
| 11:00 AM | [M6] Measurements of the production of vector bosons in association with heavy flavour quarks at ATLAS.                     | AAD, Georges           |
| 11:25 AM | [M0] Measurement of the muon charge asymmetry in inclusive W production at sqrt(s)=7 TeV with the CMS experiment at the LHC | KHUKHUNAISHVILI, Aleko |
| 11:50 AM | [M1] Determination of strange quark distribution using recent CMS measurements on W production                              | PLACAKYTE, Ringaile    |

## WG1: Structure Functions and Parton Densities - Auditorium (2:00 PM - 6:05 PM)

-Conveners: Karol Kovarik; Vladimir Chekelian; Richard David Ball

| time    | [id] title  | presenter                |
|---------|---|--------------------------|
| 2:00 PM | [M4] Measurement of beauty and charm production in deep inelastic scattering at HERA and measurement of the beauty-quark mass | LIBOV, Vladyslav         |
| 2:25 PM | [M2] Are b-PDFs (and b-fragmentation functions) needed at the LHC?  | Dr UBIALI, Maria         |
| 2:50 PM | [M14] Phenomenology of top-quark pair production at the LHC: studies with the DiffTop code                                    | GUZZI, Marco             |
| 3:15 PM | [M02] Generalization of the fastNLO approach to NNLO calculations   | BRITZGER, Daniel Andreas |
| 3:40 PM | [M73] Variable flavor number scheme for final state jets  | Mr PIETRULEWICZ, Piotr   |
| 4:00 PM | Coffee break  |                          |
| 4:30 PM | [M71] Hessian PDF reweighting meets the Bayesian methods  | Dr PAUKKUNEN, Hannu      |
| 4:55 PM | [M22] The LHC p+Pb run from the nuclear PDF perspective   | PAUKKUNEN, Hannu         |
| 5:20 PM | [M64] The nCTEQ PDFs: LHC data and nuclear uncertainties  | Dr KUSINA, Aleksander    |
| 5:45 PM | 20 min. extra time  |                          |