



# ICHEP 2014

## Thursday 03 July 2014

### Strong Interactions and Hadron Physics: Hard QCD - higher order calculations - Sala 8+9 (11:00-13:30)

-Conveners: Sven-Olaf Moch

time	[id] title	presenter
11:00	[1046] QCD at NNLO and beyond	Dr. DUHR, Claude
11:25	[1048] Automated tools for QCD calculations	Dr. BADGER, Simon
11:50	[358] NLO QCD corrections to triple collinear splitting functions	Mr. SBORLINI, Germán
12:05	[376] The loop-tree duality method at NLO and beyond	Dr. RODRIGO, German
12:20	[936] GoSam: Automated One-loop Calculations within the Standard Model and Beyond	GREINER, Nicolas
12:35	[869] Searching for extremely rare W decays at the LHC	Dr. MELIA, Tom
12:50	[654] Next-to-leading order QCD corrections to five jet production at the LHC	Dr. BIEDERMANN, Benedikt
13:05	[509] Diphoton isolation studies	Dr. CIERI, Leandro

### Strong Interactions and Hadron Physics: Hadron production - Sala 8+9 (15:00-17:40)

-Conveners: Stefano Forte

time	[id] title	presenter
15:00	[457] Heavy flavour spectroscopy and production in the forward acceptance at the LHC	SKWARNICKI, Tomasz
15:15	[31] Hadroproduction of $\Upsilon(nS)$ above the $B\bar{B}$ threshold and implications for $\Upsilon_b(10890)$	Prof. ALI, Ahmed
15:30	[412] Quarkonium (-like) states at BELLE	Dr. KROKOVNY, Pavel
15:45	[712] Quarkonium (-like) states at BABAR	Mrs. FIORAVANTI, Elisa
16:00	[720] Production of light mesons at BABAR	Dr. DRUZHININ, Vladimir
16:15	[708] Study of baryon productions at Belle and BABAR	Dr. WANG, Min-Zu
16:30	[66] Hadron Spectroscopy at BESIII	Mr. FANG, Shuangshi
16:45	[275] Recent results on $e^+e^- \rightarrow$ hadrons cross sections from SND and CMD-3 detectors at VEPP-2000 collider	Dr. DIMOVA, Tatyana
17:00	[187] Heavy flavour production at ATLAS and CMS	Dr. WOEHRl, Hermine K
17:15	[1043] Double Parton Studies at D0: Measurements of the prompt single $J/\psi$ and double $J/\psi$ production cross section and studies of photon + 3 jets events and photon + b/c + 2 jet events	Dr. LINCOLN, Don

# Friday 04 July 2014

## **Strong Interactions and Hadron Physics: Jets I (V+jets) - Sala 3+4 (09:00-11:05)**

**-Conveners: Ulla Blumenschein; Daniel de Florian de Florian**

time	[id] title	presenter
09:00	[1047] Resummation and jet vetos	Dr. MONNI, Pier
09:25	[564] Hadronically decaying massive particles, jet substructure, and measurement of the transverse momentum of the Z boson at LH	DE LORENZI, Francesco
09:40	[875] Vector Boson + jets production at the Tevatron	Dr. MATERA, Keith
09:55	[565] Measurements of light and heavy-flavour jet production in association with a W or Z boson with the ATLAS detector	Dr. HESKETH, Gavin Grant
10:15	[209] Production of vector bosons and jets at CMS	Dr. COSSUTTI, Fabio
10:35	[208] Measurement of photon and diphoton production processes at CMS	Mr. MARINI, Andrea Carlo
10:50	[573] Photon, diphoton and photon+jet production measured with the ATLAS detector	Dr. ASQUITH, Lily

## **Strong Interactions and Hadron Physics: PDF I - Sala 3+4 (11:35-13:35)**

**-Conveners: Sven-Olaf Moch**

time	[id] title	presenter
11:35	[135] Inclusive deep-inelastic scattering at HERA	Dr. CHEKELIAN, Vladimir
11:50	[203] PDF constraints from CMS measurements	Dr. LIPKA, Katerina
12:05	[574] Impact of ATLAS data on parton density functions	Dr. ELLINGHAUS, Frank
12:20	[146] Nucleon PDF separation with the collider and fixed-target data.	Dr. ALEKHIN, Sergey
12:35	[330] HERAPDF fits of the proton parton densities	WICHMANN, Katarzyna
12:50	[1052] Updates of PDFs for the 2nd LHC run	Dr. MOTYLINSKI, Patrick
13:05	[1044] NNPDF3.0: Next Generation PDFs for LHC Run II	Dr. ROJO, Juan

## **Strong Interactions and Hadron Physics: PDF II - Sala 3+4 (15:00-17:30)**

**-Conveners: Stefano Forte**

time	[id] title	presenter
15:00	[695] Overview of the COMPASS results on the nucleon spin	Dr. FRANCO, Celso
15:15	[931] Impact of PDFs at LO, NLO and NNLO with correlated uncertainties between orders using HERAFitter	Prof. COOPER-SARKAR, Mandy
15:30	[332] Charm and beauty structure functions and heavy quark masses at HERA	Dr. LISOVYI, Misha
15:45	[331] Charm final states at HERA	Dr. SAUTER, Michel
16:00	[24] Prompt photon associated with jet photoproduction at HERA in the parton Reggeization approach	Mr. NEFEDOV, Maxim
16:15	[138] Inclusive diffraction and tests of QCD factorisation at HERA	Dr. CERNY, Karel
16:30	[139] Exclusive diffraction at HERA	Dr. PAUL, Ewald

16:45	[387] Hadronic final states at HERA	Dr. BUSSEY, Peter
17:00	[322] Last results of DIRAC experiment on study hadronic hydrogen-like atoms at PS CERN.	Dr. LEONID, Afanasyev
17:15	[675] Latest LHCf physics results	Prof. ADRIANI, Oscar

# Saturday 05 July 2014

## **Strong Interactions and Hadron Physics: Jets II (inclusive jets+alphas) - Sala 1 (09:00-11:05)**

**-Conveners: Ulla Blumenschein**

time	[id] title	presenter
09:00	[840] Jet physics: algorithms and jet substructure techniques	CACCIARI, Matteo
09:25	[568] Measurements of jet production properties in pp collisions with the ATLAS detector	Dr. MALAESCU, Bogdan
09:45	[202] Jet production and $\alpha_s$ measurements at CMS	Dr. MAVROMANOLAKIS, GEORGIOS
10:05	[144] Jet production and QCD measurements at HERA	Dr. SOPICKI, Pawel
10:20	[379] $\alpha_s$ determination from the C-parameter distribution	Dr. MATEU, Vicent
10:35	[819] $\alpha_s$ from tau decays: higher orders and perturbative behaviour	Dr. BOITO, Diogo
10:50	[37] Precise $\alpha_s$ determination from the low-z parton-to-hadron fragmentation functions	Dr. D'ENTERRIA, David

## **Strong Interactions and Hadron Physics: Jets III + Minimum bias / soft QCD - Sala 1 (11:35-13:30)**

**-Conveners: Ulla Blumenschein; Daniel de Florian de Florian**

time	[id] title	presenter
11:35	[462] NLO + Parton Showers merging: current status and future perspectives	Dr. RE, Emanuele
12:00	[907] Tevatron Energy Scan: Findings & Surprises	Prof. FIELD, Rick
12:15	[575] Soft QCD, Minimum bias and UE measurements at ATLAS	Dr. ZENIN, Oleg
12:30	[692] Matching NLO with parton shower in Monte Carlo scheme	Dr. SAPETA, Sebastian
12:45	[223] Minimum Bias, MPI and DPS, and Diffractive and Exclusive measurements at CMS and TOTEM	Dr. DUTTA, Dipanwita
13:00	[576] Measurement of the total cross section of pp collisions at $\sqrt{s}=7$ TeV from elastic scattering with the ATLAS detector	Dr. STENZEL, Hasko
13:15	[455] Soft QCD measurements at LHCb	Dr. VOLYANSKYY, Dmytro