

Session Program

19-23 Apr 2010

**DIS10, XVIII International Workshop on Deep
Inelastic Scattering and Related Subjects**

***QCD and final states in DIS and hadron
colliders***

Florence, Italy, Convitto della Calza
Piazza della Calza 6, 50125 Firenze

Tuesday 20 April

09:00

QCD and final states in DIS and hadron colliders: Session 1

Session | Location: Florence, Italy, Mistrangelo, Piazza della Calza 6, 50125 Firenze

09:00–09:25 **Determining alphas at NNLO from event shape data**

Speaker

Gionata Luisoni

09:25–09:50 **NNLO antenna subtraction with two hadronic initial states**

Speakers

Radja Boughezal, Radja Boughezal

09:50–10:15

W boson production at hadron colliders: the lepton charge asymmetry in NNLO QCD

Speaker

Giancarlo Ferrera

10:15–10:40

Limitations on the predictions for pT-balance in events with a Z-boson and jets

Speaker

Alexander Paramonov

10:45

11:15

QCD and final states in DIS and hadron colliders: Session 2

Session | Location: Florence, Italy, Mistrangelo, Piazza della Calza 6, 50125 Firenze

11:15–11:35 **Production of heavy hyperons in DIS at COMPASS**

Speaker

Natalia Rossiyskaya

11:35–12:00 **NNLO Antenna Subtraction with one hadronic initial state**

Speaker

Gionata Luisoni

12:00–12:25

Soft Gluon Resummation in the infrared region and the Froissart bound

Speaker

Giulia Pancheri

12:25–12:45 **Photon+3 jets and direct photon pair production at D0**

Speaker

Lee Sawyer

13:00

14:00

QCD and final states in DIS and hadron colliders: Session 3

Session | Location: Florence, Italy, Santa Croce, Piazza della Calza 6, 50125 Firenze

14:00–14:20

Threshold resummation for Drell-Yan production: theory and phenomenology

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| <p>Speaker Marco Bonvini</p> |
| <p>14:20-14:40 Threshold resummation at the next-to-eikonal level</p> <p>Speaker Dr Georges Grunberg</p> |
| <p>14:40-15:00 Thrust distribution at N^3LL with power corrections and precision determination of α_s</p> <p>Speaker Vicent Mateu</p> |
| <p>15:00-15:20 Neutrino dimuon production and the dynamical determination of strange parton distributions</p> <p>Speaker Pedro Jimenez-Delgado</p> |
| <p>15:20-15:40 Heavy quarkonium and quarkonium-like states at Belle/Babar</p> <p>Speaker Alexander Kuzmin</p> |
| <p>15:45</p> <p>16:15</p> <p>QCD and final states in DIS and hadron colliders: Session 4 Session Location: Florence, Italy, Santa Croce, Piazza della Calza 6, 50125 Firenze</p> |
| <p>16:15-16:35 High energy factorisation at LHC: forward jets - CANCELLED</p> <p>Speaker Krzysztof Kutak</p> |
| <p>16:35-16:55 Nuclear attenuation - 2 D dependencies at HERMES (presented by K. Rith)</p> <p>Speaker Inti Lehmann</p> |
| <p>16:55-17:15 A-dependence of transverse Lambda polarisation at Hermes</p> <p>Speaker Klaus Rith</p> |
| <p>17:15-17:35 Parton showers with medium-modified splitting functions</p> <p>Speakers Gennaro Corcella, Gennaro Corcella</p> |
| <p>17:35-17:55 Observation of the hadronic final state charge asymmetry in high Q^2 DIS at H1</p> <p>Speakers Daniel Traynor, Dr Guenter Grindhammer, Günter Grindhammer</p> <p>18:00</p> |

18:00

QCD and final states in DIS and hadron colliders: QCD and final states in DIS and hadron colliders - cancelled talks**Session** | **Location:** Florence, Italy, Convitto della Calza, Piazza della Calza 6, 50125 Firenze | **Conveners:** Daniel De Florian, Claudia Glasman, Stefan Tapprogge**18:05–18:10 Multiple parton interactions in QCD - CANCELLED****Speaker**

Markus Diehl

18:10–18:25**Measurement of minbias rapidity and p_t distributions in pp at 62.4 and 200 GeV at RHIC (BRAHMS) - CANCELLED****Speaker**

Dr Flemming Videbaek

18:40–18:45 Two-loop resummation for QCD hard scattering - CANCELLED**Speaker**

Nikolaos Kidonakis

18:50–18:55**Monte Carlo modelling of NLO DGLAP QCD evolution in the fully unintegrated form - CANCELLED****Speaker**

Staszek Jadach

18:55–19:12**Fluctuations and saturation in diffractive excitation, and the relation between the Good-Walker and triple Regge formalisms - CANCELLED****Speaker**

Gosta Gustafson

20:00

Wednesday 21 April

09:00

QCD and final states in DIS and hadron colliders: Session 5

Session | **Location:** Florence, Italy, Francabigio, Piazza della Calza 6, 50125 Firenze

09:00–09:20 **Phenomenology of event shapes at hadron colliders**

Speakers

Andrea Banfi, Andrea Banfi

09:20–09:40

Jet shapes, algorithms and non-global logarithms (presented by A. Banfi)

Speakers

Andrea Banfi, Andrea Banfi, Mrinal Dasgupta

09:40–10:05

Hadron production from e+e- ISR, two-photons, Upsilon states at Belle/Babar

Speakers

Fabio Anulli, Fabio Anulli

10:05–10:20

Transverse momentum of charged particles at low Q² at H1

Speaker

Anastasia Grebenyuk

10:20–10:45

Studies of Jet Fragmentation in Medium and Vacuum Using Two-Particle Correlations and Direct Jet Reconstruction with the PHENIX Detector at RHIC

Speaker

Mathew Nguyen

10:45

16:15

QCD and final states in DIS and hadron colliders: Session 8

Session | **Location:** Florence, Italy, Santa Croce, Piazza della Calza 6, 50125 Firenze

16:15–16:35

Azimuthal modulations in the spin-averaged SIDIS cross section for charged pions at Hermes

Speaker

Francesca Giordano

16:35–16:55

Minimum bias and underlying event studies at CDF

Speaker

Niccolo' Moggi

16:55–17:20

Results on charged particle production from the ALICE experiment

Speaker

Dr Silvia Masciocchi

17:20–17:45

Results from LHCb: prompt V0 and inclusive charged particle production, jet study

Speaker

Mr Manuel Schiller

17:45-18:00

Strangeness production at high Q² at H1 (presented by K. Daum)

Speakers

Julia Ruiz Tabasco, Karin Daum, Dr Karin Daum

18:00

Thursday 22 April

09:00

QCD and final states in DIS and hadron colliders: Session 9

Session | **Location:** Florence, Italy, Francabigio, Piazza della Calza 6, 50125 Firenze

09:00–09:15 **Jet cross sections in photoproduction at ZEUS**

Speaker

Denys Lontkovskiy

09:15–09:35 **Jet cross sections in DIS at ZEUS**

Speaker

Claudia Glasman

09:35–09:55

Jet Production at low and high Q^2 and determination of the strong coupling at H1

Speaker

Roman Kogler

09:55–10:10

Determination of the strong coupling constant from the inclusive jet cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV (D0)

Speaker

Lars Sonnenschein

10:10–10:25

Higher-order predictions for large- x splitting functions and coefficient functions

Speaker

Gary Soar

10:25–10:45

Hadronic final states in DIS with Sherpa (presented by T. Gehrmann)

Speakers

Stefan Hoeche, Stefan Hoeche

10:45

11:15

QCD and final states in DIS and hadron colliders: Session 10

Session | **Location:** Florence, Italy, Francabigio, Piazza della Calza 6, 50125 Firenze

11:15–11:40 **QCD physics from CMS**

Speaker

Krisztian Krajczar

11:40–12:05

QCD and final states first ATLAS results

Speaker

Heather Gray

12:05–12:20

Three-subjet distributions in NC DIS at ZEUS

Speaker

Juan Terron

12:20-12:40

Results from D0: di-jet angular distributions, di-jet mass cross section and dijet azimuthal decorrelation

Speaker

Zdenek Hubacek

12:40-13:00

Results from D0: multi-jet cross section, inclusive three-jet cross section, angular correlations in minimum bias

Speaker

Lee Sawyer

13:00