

Session Program

22-26 Apr 2013



XXI International Workshop on Deep-Inelastic Scattering and Related Subjects

WG1: Structure Functions

Marseille, Parc Chanot, Palais des Congrès
Rond Point du Prado 13006 Marseille, France

Tuesday 23 April

08:30

WG1: Structure Functions: Inclusive DIS and PDF updates

Session | **Location:** Palais des Congrès, Callelongue | **Conveners:**
Katerina Lipka, Prof. Pavel Nadolsky, Cynthia Keppel

08:30–08:55

Inclusive Deep Inelastic Scattering at High Q^2 with Longitudinally Polarised Lepton Beams at HERA and Determination of the Integrated Luminosity at HERA using Elastic QED Compton Events

Speaker

Stanislav Shushkevich

08:55–09:15

Measurement of high- Q^2 neutral current deep inelastic $e+p$ scattering cross sections with a longitudinally polarised positron beam at HERA

Speaker

Ian Brock

09:15–09:40

ABM PDFs updated

Speaker

Sergey Alekhin

09:40–10:05

The CJ12 parton distributions

Speaker

Alberto Accardi

10:05–10:30

Developments in CTEQ-TEA analysis

Speaker

Prof. Pavel Nadolsky

10:30–11:00

Coffee break

11:00–11:25

Developments Related to MSTW PDFs

Speaker

Prof. Robert Thorne

11:25–11:50

Parton Distributions with LHC data

Speaker

Mr Nathan Hartland

11:50–12:05

HERAFitter - an open source QCD fit framework

Speaker

Ringaile Placakyte

12:05–12:30

Inclusive jet production measured with ATLAS, and constraints on PDFs

Speaker

Pavel Starovoitov

12:30

14:00

WG1: Structure Functions: Jets and top-quarks in QCD analysis

Session | **Location:** Palais des Congrès, Callelongue | **Conveners:**
Cynthia Keppel, Prof. Pavel Nadolsky, Katerina Lipka

14:00–14:24

The Effect of Recent Jet Results on MSTW PDFs**Speaker**

Benjamin Watt

14:24–14:48

Top quark production cross section in ATLAS**Speaker**

Ms Claudia Bertella

14:48–15:12

Top Quark Pair Cross Section Measurements at CMS**Speaker**

Jan Kieseler

15:12–15:36

Top quark production at the LHC: differential cross section and phenomenological perspectives**Speaker**

Dr Marco Guzzi

15:36–16:00

Constraints on the gluon PDF from top quark pair production at hadron colliders**Speaker**

Juan Rojo Chacon

16:00

Wednesday 24 April

11:00

WG1: Structure Functions: Transverse-momentum PDFs (TMDs)

Session | **Location:** Palais des Congrès, Callelongue | **Conveners:**
Cynthia Keppel, Katerina Lipka, Prof. Pavel Nadolsky

11:00–11:22 **TMD quark distributions at small x**

Speaker

Dr Martin Hentschinski

11:22–11:44 **Proton structure functions and physical evolution kernels**

Speaker

Martin Hentschinski

11:44–12:06 **Determination of TMDs with HERA data**

Speaker

Hannes Jung

12:06–12:28

BFKL Evolution as a Communicator Between Small and Large Energy Scales

Speaker

Henri Paul Kowalski

12:30

14:00

WG1: Structure Functions: Neutron, Helium and double-parton interactions

Session | **Location:** Palais des Congrès, Callelongue | **Conveners:**
Cynthia Keppel, Katerina Lipka, Prof. Pavel Nadolsky

14:00–14:25 **Neutron Structure at Large x**

Speaker

Cynthia Keppel

14:25–14:45

Re-evaluation of the Parton Distributions of Strangeness in the nucleon

Speaker

Harold E Jackson Jr

14:45–15:10 **Helium Compton Form Factor Measurements at CLAS**

Speaker

Eric Voutier

15:10–15:35 **The EMC Effect and Short-Range Correlations**

Speaker

Dr Eliezer Piasetzky

16:00