

## **Session Program**

**28 April 2014 to 2 May 2014**



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

## ***WG4: QCD and Hadronic Final States***

Warsaw

Old Library building at the main campus of the University of Warsaw, 26/28 Krakowskie Przedmieście  
str.

# Tuesday 29 April

09:00

## WG4: QCD and Hadronic Final States

**Session** | **Location:** BUW, F | **Conveners:** Daniel Britzger, Vladimir Braun, Konstantinos Kousouris

09:00–09:05 **Welcome from the WG4 conveners**

09:05–09:25 **Light meson production in  $e^+e^-$  annihilation at BABAR**

**Speaker**

Gianluigi Cibinetto

09:25–09:45 **Measurement of the jet production cross section at 7 TeV**

**Speaker**

Gagik Vardanyan

09:45–10:05 **Jet production measurements at CMS**

**Speaker**

Dr Panos Kokkas

10:05–10:25 **Search for QCD Instantons using the H1 experiment at HERA**

**Speaker**

Pawel Sopicki

10:25–10:50 **Coffee break**

10:50–11:10

**Photoproduction of isolated photons, inclusively and with a jet, at HERA**

**Speaker**

Oleg Kuprash

11:10–11:30 **Further studies of prompt photons in photoproduction at HERA**

**Speaker**

Oleg Kuprash

11:30–11:50

**Measurement of photon and photon+jet production cross sections at 7 TeV and constraints to PDFs**

**Speaker**

Josu Cantero Garcia

11:50–12:10

**Analysis of Feynman Scaling in Photon and Neutron Production in the Very Forward Direction in Deep-Inelastic Scattering at HERA**

**Speaker**

Jan Olsson

12:10

14:00

**WG4: QCD and Hadronic Final States****Session** | **Location:** BUW, F | **Conveners:** Daniel Britzger, Vladimir Braun, Konstantinos Kousouris

14:00–14:20

**Production of top pair events with additional radiation using the ATLAS detector at the LHC.****Speaker**

Lorenzo Bellagamba

14:20–14:40

**Measurement of the transverse momentum of the Z boson and NLO MC tuning****Speaker**

Homero Martinez Bruzual

14:40–15:00

**Associated production of a vector boson and jets.****Speaker**

Mr Kadir Ocalan

15:00–15:20

**Associated Z boson production in the forward region****Speaker**

Marek Sirendi

15:20–15:40

**Measurement of charged particle multiplicities and densities in pp collisions at 7 TeV in the forward region****Speaker**

Dr Paul Michael Szczypka

15:40–16:10

**Coffee break**

16:10–16:30

**Double charmed meson production at the LHC: Single- versus double-parton scattering mechanism****Speakers**

Antoni Szczurek, Rafal Maciula

16:30–16:50

**First measurement of associated vector boson plus prompt charmonium production at the ATLAS experiment****Speaker**

Hannah Ruth Arnold

16:50–17:10

**Jet properties of hadronically-decaying massive particles****Speaker**

Rebecca Thalatta Chislett

17:10–17:30

**Detailed study of the Ke4 decay mode properties****Speaker**

Milena Hristova Misheva

17:30–17:50

**Measurement of the rare decay  $K^{*+} \rightarrow \pi^{*+} \gamma \gamma$**

**Speaker**

Plamen Rumenov Petrov

17:50-17:55

**5 min. extra time**

18:10

# Thursday 1 May

09:00

## WG4: QCD and Hadronic Final States

**Session** | **Location:** BUW, F | **Conveners:** Daniel Britzger, Vladimir Braun, Konstantinos Kousouris

09:00–09:20

### LHC data challenges the contemporary parton-to-hadron fragmentation functions

**Speaker**

Dr Hannu Paukkunen

09:20–09:40

### High Energy Jets at the LHC

**Speaker**

Mr Medley Jack

09:40–10:00

### Higgs boson as a gluon trigger

**Speaker**

Hans Van Haevermaet

10:00–10:20

### Azimuthal decorrelations in forward central dijets production at LHC within high energy actorization

**Speaker**

Dr Krzysztof Kutak

10:20–10:50

### Coffe break

11:10–11:30

### Hard exclusive $J/\Psi$ photoproduction off a proton

**Speaker**

Dr Alexander Thomas Goritschnig

11:30–11:50

### FREE ENERGY AND DIRECT PHOTON EMISSION AT FINITE CHEMICAL POTENTIAL FROM QUARK-GLUON PLASMA

**Speaker**

Dr Yogesh Kumar

11:50–12:10

### Associated-quarkonium production

**Speaker**

Jean-Philippe Lansberg

12:10