

**Session Program**

2-6 Dec 2013

**MPI @ LHC 2013, Workshop on Multi-Parton  
Interactions at the LHC**

***MPI & Small-x***

# Monday 2 December

14:15

## MPI & Small-x: (chair: Krzysztof Kutak)

Session

14:15-14:25 **Introduction to small x and MPI physics**

**Speaker**

Dr Krzysztof Kutak

14:25-15:00 **Measurements probing small-x physics using the ATLAS detector**

**Speaker**

Alexei Myagkov

15:00-15:25 **Measurements probing small-x physics using the CMS detector**

**Speaker**

Ivan Pozdnyakov

15:25-15:45 **Forward jets and saturation within high energy factorization**

**Speaker**

Piotr Kotko

15:45-16:05 **Forward jet production and BFKL effects at the LHC**

**Speaker**

Prof. Victor Kim

16:05

16:30

## MPI & Small-x: (chair: Victor Kim)

Session

16:30-16:50

**Signal of high-energy resummation effects in Mueller-Navelet jets at the LHC**

**Speaker**

Mr Bertrand Ducloue

16:50-17:10

**Multiple Partonic Interactions in Production of Photons, Mesons, and Jets in Proton-Proton Collisions at the LHC**

**Speaker**

Volodymyr Kotlyar

17:10-17:35 **Onia production in pA and Ap collisions at LHCb**

**Speaker**

Dr Burkhard Schmidt

17:35-18:00

**Leading track and leading jet cross sections at small transverse momenta**

**Speaker**

Albert Knutsson

18:00

# Thursday 5 December

09:00

## MPI & Small-x

### Session

09:00–09:20 **LHC soft physics and TMD gluon density at small x**

**Speaker**

Prof. Gennady Lykasov

09:20–09:40 **Drell-Yan at small x via  $kT_{\text{cut}}$ ; treatment of the infrared region.**

**Speaker**

Emmanuel de Oliveira

09:40–10:05 **Minijets analysis in p-Pb collisions with ALICE at LHC**

**Speaker**

Emilia Leogrande

10:05–10:25 **MPI in gamma A & pA collisions**

**Speaker**

Mark Strikman

10:25–10:45

**Measurement of the  $H \rightarrow gg$  differential distributions with the ATLAS detector**

**Speaker**

Estelle Scifo

10:45

11:15

## MPI & Small-x

### Session

11:15–11:35 **Higgs as a gluon trigger**

**Speakers**

F Hautmann, H Jung

11:35–11:55 **Jet quenching in a Wilson lines formalism**

**Speaker**

Dr Igor Cherednikov

11:55–12:20 **Measurements with electroweak gauge bosons at LHCb**

**Speaker**

Albert Bursche

12:20