

Session Program

2-6 Dec 2013

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

MPI & Double Parton Scattering

Tuesday 3 December

09:00

MPI & Double Parton Scattering: (chair: Paolo Bartalini)

Session

09:00–09:40 **Theory of double parton scattering: progress and open questions**

Speaker

Markus Diehl

09:40–10:20

Measurement of double-parton interactions in $W+2$ jets events with the CMS detector

Speaker

Dr Sunil Bansal

10:20–10:50

First measurement of associated vector boson plus prompt J/ψ production at the ATLAS experiment

Speaker

Constantinos Melachrinou

10:50

11:20

MPI & Double Parton Scattering: (chair: Wouter Waalewijn)

Session

11:20–11:45

Production of two $c\bar{c}$ pairs and two mesons with charm in double-parton scattering: inclusive and correlation observables.

Speaker

Antoni Szczurek

11:45–12:15

Open charm and J/ψ production as a function of the charged particle multiplicity density in pp collisions at $\sqrt{s} = 7$ TeV with ALICE at the LHC

Speaker

Fiorella Fionda

12:15–12:40

Extracting $\sigma_{\text{effective}}$ from the LHCb double-charm measurement

Speaker

Andrzej Konrad Siodmok

12:40–13:00

Production of vector bosons in association with heavy flavor jets at the LHC

Speaker

Tristan Arnoldus Du Pree

13:00

14:15

MPI & Double Parton Scattering

Session | Location: Promotiezaal

14:15-14:40 **DPS in p-A and A-A collisions**

Speakers

Dr Alexander Snigirev, Prof. David d'Enterria

14:40-15:05 **DPS in High-Energy p-A Collisions and Partonic Correlations**

Speaker

Daniele Treleani

15:05-15:30 **Factorization of double Drell-Yan at low transverse momentum**

Speaker

Daniel Ostermeier

15:30

Thursday 5 December

14:15

MPI & Double Parton Scattering

Session

14:15–14:40 **Correlations in Double Parton Scattering**

Speaker

Wouter Waalewijn

14:40–15:05 **Double parton correlations and constituent quark models**

Speaker

Prof. Sergio Scopetta

15:05–15:30 **Double parton distributions under evolution**

Speaker

Tomas Kasemets

15:30–16:10

Double-parton scattering studies in 4-jet events with the CMS detector

Speaker

Paolo Gunnellini

16:10

16:40

MPI & Double Parton Scattering

Session | Location: University Of Antwerp (Belgium), Promotiezaal

16:40–17:05

Perturbative QCD correlations in multi-parton collisions at LHC and Tevatron.

Speaker

Dr Boris Blok

17:05–17:30 **Single Perturbative Splitting Diagrams in Double Parton Scattering**

Speaker

Jonathan Gaunt

17:30–17:55 **Central diffractive production processes at the LHC energies**

Speaker

Valery Khoze

17:55–18:15 **Double J/psi production with CMS**

Speaker

Diego Ciangottini

18:15