

Session Program

2-6 Dec 2013

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

MPI & Monte Carlo

Monday 2 December

09:10

MPI & Monte Carlo: (chair: Albert Knutsson)

Session | Location: Promotiezaal

09:10–09:40 **Overview of MC models of MPI**

Speaker

Mike Seymour

09:40–10:04 **MinBias in SHERPA**

Speaker

Korinna Christine Zapp

10:05–10:29 **DIPSY - from protons to heavy ions**

Speaker

Leif Lönnblad

10:30–10:54

Constraining MPI models using $\sigma_{\text{effective}}$ and recent Tevatron and LHC Underlying Event data

Speaker

Andrzej Konrad Siodmok

10:55

11:20

MPI & Monte Carlo: (chair: Andrzej Siodmok)

Session | Location:

11:20–11:44 **Tevatron Energy Scan: Findings & Surprises**

Speaker

Richard Dryden Field

11:45–12:09

Measurement of the UE activity in pp collisions with the CMS and ATLAS detectors

Speaker

Mr Mohammed Zakaria

12:10–12:34

Jet and underlying event properties as a function of particle multiplicity in proton-proton collisions at 7 TeV

Speaker

Maxim Azarkin

12:35–12:59

Using substructure techniques to probe Multiple Parton Interactions

Speaker

Deepak Kar

13:00

Wednesday 4 December

09:00

MPI & Monte Carlo: MPI & Monte Carlo

Session | Location:

09:00–09:24 **The fused string model for Hadronisation**

Speaker

Mr Christian Bierlich

09:25–09:49 **Color reconnection and flow-like patterns in pp collisions**

Speaker

Guy Paic

09:50–10:14 **PHOJET - status and recent developments**

Speaker

Anatoli Fedynitch

10:15–10:34 **Mini-Jet Absorption and its Consequences in Color String Models**

Speaker

Prof. Fritz, W. Bopp

10:35–10:59 **Markov Chain Monte Carlo solution of BK equation in integral form**

Speaker

Krzysztof Bozek

10:59

11:25

MPI & Monte Carlo: MPI & Monte Carlo

Session | Location:

11:25–11:49 **HERAPDF1.5LO PDF Set with Experimental Uncertainties**

Speaker

amanda sarkar

11:50–12:14

Measurement of Charged Particle Spectra in Deep-Inelastic ep Scattering at HERA

Speaker

Anastasia Grebenyuk

12:15–12:40

Pseudorapidity distributions of charged particles in proton-proton collisions by the CMS and TOTEM experiments

Speaker

Vardan Khachatryan

12:40–13:00 **Determination of Σ_{eff} (Discussion)**

Speaker

Paolo Gunnellini

13:05