Session Program

6–9 Jun 2006

2nd HERA - LHC workshop 2006

MC - tools

CERN

Wednesday 7 June

09:00

MC - tools: Underlying Events (Joint Session with Multi-jet final states and energy flows)
Session | **Location:** CERN, before 16:00 40-5-A01/ after 16:00 40-S2-B01

09:00–09:20 **The Underlying Event at the LHC**

Speaker
Livio Fano'

09:30–09:50 **The Underlying Event at ZEUS**

Speaker
Tim Namsoo

10:00–10:20 **How to subtract the underlying event from jets?**

Speaker
Pavel Starovoitov

10:30–10:50

Sensitivity of the Muon Isolation Cut Efficiency to Underlying Event Uncertainty

Speaker
Alexey Drozdetskiy

11:00

11:15

MC - tools: Alternative shower formulations
Session | **Location:** CERN, before 16:00 40-5-A01/ after 16:00 40-S2-B01

11:15–11:35 **Cascade & Rapgap**

Speaker
Hannes Jung

11:45–12:05

Double Constrained Evolutions in a single MC for the DY-type processes -- A prototype

Speaker
Staszek Jadach

12:15–12:35 **QEDxQCD Exponentiation and Shower/ME Matching at the LHC**

Speaker
Scott Yost

13:00

14:00

MC - tools: Higher orders/merging etc. (Joint session with Multi-Jet Final States and Energy Flows)
Session | **Location:** CERN, before 16:00 40-5-A01/ after 16:00 40-S2-B01

14:00–14:20 **Automatation of NLO calculations**

Speaker
Andre van Hameren

14:30–14:50 **Alpgen vs. MC@NLO for ttbar**

Speaker
Michele Treccani

15:00–15:20 **Sherpa vs. D0 in Z+jets**

Speaker
Jan Winter

15:30–15:50 **New PS algorithm: shower evolution, matching at LO and NLO**

Speaker
Zoltan Nagy

16:00

16:20

MC - tools: PDFs (Joint session with Multi-Jet Final States and Energy Flows & Parton Density Functions)
Session | **Location:** CERN, before 16:00 40-5-A01/ after 16:00 40-S2-B01

16:20–16:40 **fastNLO: fast pQCD Calculations for QCD Fits**

Speaker
Thomas Kluge

16:50–17:10 **NLO-GRID (techniques for Jet/PDF fitting)**

Speaker
Dan Clements

17:20–17:40 **New fits to uPDFs**

Speaker
Hannes Jung

18:30