

Session Program

9-12 Apr 2013



SM@LHC 2013

QCD Physics

Freiburg, Großer Hörsaal Physik
Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im
Breisgau

Wednesday 10 April

14:00

QCD Physics

Session |

Location: Freiburg, Großer Hörsaal Physik, Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im Breisgau

14:00–14:20 **Tevatron main QCD results**

Speaker

Darren Price

14:20–14:40 **Status of PDF determination**

Speaker

Prof. Robert Samuel Thorne

14:40–15:00 **LHC data and PDFs**

Speaker

Amanda Sarkar

15:00–15:20 **HERA measurements for the LHC**

Speaker

Katerina Lipka

15:20–15:40 **Discussion**

15:40–16:00 **Coffee break**

16:00–16:20 **Status of NNLO computations for the LHC**

Speakers

Aude Gehrmann-De Ridder, Aude Gehrmann-De Ridder, Ridder De Ridder

16:20–16:40 **Experimental talk on direct photon measurements**

Speaker

Marcos Jimenez Belenguer

16:40–17:00 **Discussion**

17:00–17:20 **Substructure and Dynamics in Hadronic Jets**

Speakers

Leandro Almeida, Leandro Almeida

17:20–17:40 **Experimental talk on jet measurements**

Speakers

George Mavromanolakis, Dr Georgios Mavromanolakis, Georgios Mavromanolakis

17:40–18:00 **Discussion**

18:20

Thursday 11 April

09:00

QCD Physics

Session |

Location: Freiburg, Großer Hörsaal Physik, Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im Breisgau

09:00–09:30

Theory tools for LHC analyses with V+jets

Speaker

Steffen Schumann

Location

Freiburg, Großer Hörsaal Physik, Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im Breisgau

09:30–09:50

Experimental talk on V+jets

Speaker

Andrea Schizzi

Location

Freiburg, Großer Hörsaal Physik, Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im Breisgau

09:50–10:30

Discussion

Location

Freiburg, Großer Hörsaal Physik, Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im Breisgau

10:30–11:00

Coffee break

11:00–11:20

Underlying event and MPI

Speakers

Frank Krauss, Frank Martin Krauss, Martin Krauss

Location

Freiburg, Großer Hörsaal Physik, Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im Breisgau

11:20–11:40

Diffraction results

Speaker

Pierre Van Mechelen

Location

Freiburg, Großer Hörsaal Physik, Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im Breisgau

11:40–12:00

Discussion

Location

Freiburg, Großer Hörsaal Physik, Albert-Ludwigs-Universität Freiburg Physics Department Hermann-Herder Straße 3, Freiburg im Breisgau

12:00