

**ATLAS-UK Physics Meeting**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Anomalous Chromo-magnetic moment of the Top**

*Tuesday, 19 September 2006 15:45 (15 minutes)*

**Presenter:** DERVAN, Paul (Liverpool)

**Session Classification:** Top Physics (contd)

Contribution ID: 1

Type: **not specified**

## **QCD background to SUSY from data**

*Tuesday, 19 September 2006 17:25 (20 minutes)*

**Presenter:** DUXFIELD, Rob (Sheffield)

**Session Classification:** SUSY/Exotics

Contribution ID: 2

Type: **not specified**

## **Susy search strategy in trilepton channel**

*Tuesday, 19 September 2006 17:45 (20 minutes)*

**Presenter:** POTTER, Tina (RHUL)

**Session Classification:** SUSY/Exotics

Contribution ID: 3

Type: **not specified**

## **Standard Model Overview**

*Monday, 18 September 2006 14:00 (30 minutes)*

**Presenter:** THORNE, Robert (UCL)

**Session Classification:** Standard Model

Contribution ID: 4

Type: **not specified**

## Diboson WW

*Monday, 18 September 2006 17:10 (20 minutes)*

**Presenter:** HAYS, Chris (Oxford)

**Session Classification:** Standard Model

Contribution ID: 5

Type: **not specified**

## Introduction

*Monday, 18 September 2006 16:00 (10 minutes)*

**Presenter:** COOPER-SARKAR, Amanda (Oxford)

**Session Classification:** Standard Model

Contribution ID: 6

Type: **not specified**

## High pT Jets and PDFs

*Monday, 18 September 2006 16:30 (20 minutes)*

**Presenter:** CLEMENTS, Dan (Glasgow)

**Session Classification:** Standard Model

Contribution ID: 7

Type: **not specified**

## Welcome

*Monday, 18 September 2006 09:00 (5 minutes)*

**Presenter:** Dr GLOVER, Nigel (IPPP, Durham University)

**Session Classification:** Introduction

Contribution ID: 8

Type: **not specified**

## **Introduction: aims of meeting**

*Monday, 18 September 2006 09:05 (10 minutes)*

**Presenter:** Dr TOVEY, Dan (Sheffield PPPA)

**Session Classification:** Introduction

Contribution ID: 9

Type: **not specified**

## The H→4l search

*Tuesday, 19 September 2006 11:35 (20 minutes)*

**Presenter:** PAGANIS, Stathes (Sheffield)

**Session Classification:** Higgs Physics

Contribution ID: **10**

Type: **not specified**

## **The H→2 photons search**

*Tuesday, 19 September 2006 11:55 (20 minutes)*

**Presenter:** ZHU, Hongbo (Sheffield)

**Session Classification:** Higgs Physics

Contribution ID: 11

Type: **not specified**

## **B-Physics Triggers**

*Wednesday, 20 September 2006 10:00 (15 minutes)*

**Presenter:** Dr BAINES, John (RAL)

**Session Classification:** B-Physics

Contribution ID: 12

Type: **not specified**

## **ROI-Guided B-triggers**

*Wednesday, 20 September 2006 10:15 (15 minutes)*

**Presenter:** Dr KIRK, Julie (RAL)

**Session Classification:** B-Physics

Contribution ID: 13

Type: **not specified**

## **Onium production in early data**

*Wednesday, 20 September 2006 10:30 (20 minutes)*

**Presenter:** Mr PRICE, Darren (Lancaster)

**Session Classification:** B-Physics

Contribution ID: 14

Type: **not specified**

## **J/Psi -> ee**

*Wednesday, 20 September 2006 11:05 (20 minutes)*

**Presenter:** Dr BOUHOVA-THACKER, Evelina (Lancaster)

**Session Classification:** B-Physics

Contribution ID: 15

Type: **not specified**

## **Analysis tools and frameworks**

*Wednesday, 20 September 2006 11:25 (20 minutes)*

**Presenter:** Mr CATMORE, James (Lancaster)

**Session Classification:** B-Physics

Contribution ID: 16

Type: **not specified**

## UK Computing Resources

*Wednesday, 20 September 2006 11:45 (15 minutes)*

**Presenter:** Dr JONES, Roger (Lancaster)

**Session Classification:** B-Physics

Contribution ID: 17

Type: **not specified**

## **Egamma Performance**

*Monday, 18 September 2006 09:15 (30 minutes)*

**Primary author:** MONIKA WIELERS (RAL)

**Presenter:** MONIKA WIELERS (RAL)

**Session Classification:** Combined Performance

Contribution ID: **18**

Type: **not specified**

## **Jet/ETmiss/Tau Performance**

*Monday, 18 September 2006 09:45 (30 minutes)*

**Primary author:** PETER LOCH (Arizona)

**Presenter:** PETER LOCH (Arizona)

**Session Classification:** Combined Performance

Contribution ID: 19

Type: **not specified**

## Flavour Tagging Performance

*Monday, 18 September 2006 10:15 (30 minutes)*

**Primary author:** LAURENT VACAVANT (Marseilles)

**Presenter:** LAURENT VACAVANT (Marseilles)

**Session Classification:** Combined Performance

Contribution ID: 20

Type: **not specified**

## **Muon Performance**

*Monday, 18 September 2006 11:00 (30 minutes)*

**Primary author:** ROSY NIKOLAIDOU (TBC) (Saclay)

**Presenter:** BENEKOS, Nectarios (MPI)

**Session Classification:** Combined Performance

Contribution ID: 21

Type: **not specified**

## Trigger Performance

*Monday, 18 September 2006 11:30 (30 minutes)*

**Primary author:** RICARDO GONCALO (RHUL)

**Presenter:** RICARDO GONCALO (RHUL)

**Session Classification:** Combined Performance

Contribution ID: 22

Type: **not specified**

## ATLAS Summary

*Monday, 18 September 2006 15:00 (30 minutes)*

**Primary author:** CRAIG BUTTAR (Glasgow)

**Presenter:** CRAIG BUTTAR (Glasgow)

**Session Classification:** Standard Model

Contribution ID: 23

Type: **not specified**

## Theory Overview: PDFs

**Primary author:** ROBERT THORNE (UCL)

**Presenter:** ROBERT THORNE (UCL)

Contribution ID: 24

Type: **not specified**

## Theory Overview: MC tools

*Monday, 18 September 2006 14:30 (30 minutes)*

**Primary author:** FRANK KRAUSS (Dresden)

**Presenter:** FRANK KRAUSS (Dresden)

**Session Classification:** Standard Model

Contribution ID: 25

Type: **not specified**

## W production

*Monday, 18 September 2006 16:10 (20 minutes)*

**Primary author:** A TRICOLI (RAL)

**Presenter:** TRICOLI, Alessandro (RAL)

**Session Classification:** Standard Model

Contribution ID: 26

Type: **not specified**

## **MInimum Bias**

*Monday, 18 September 2006 17:50 (20 minutes)*

**Primary author:** I DAWSON (Sheffield)

**Presenter:** BUTTAR, Craig (Glasgow)

**Session Classification:** Standard Model

Contribution ID: 27

Type: **not specified**

## W/gamma channel for TGC

*Monday, 18 September 2006 17:30 (20 minutes)*

**Primary author:** J BOOTH (Birmingham)

**Presenter:** BOOTH, Richard (Birmingham)

**Session Classification:** Standard Model

Contribution ID: **28**

Type: **not specified**

## **W's and D\* search**

*Monday, 18 September 2006 16:50 (20 minutes)*

**Primary author:** L GILBERT (Oxford)

**Presenter:** GILBERT, Laura (Oxford)

**Session Classification:** Standard Model

Contribution ID: 29

Type: **not specified**

## Theory Overview

*Tuesday, 19 September 2006 12:15 (30 minutes)*

**Primary author:** ADRIAN SIGNER (IPPP)

**Presenter:** ADRIAN SIGNER (IPPP)

**Session Classification:** Top Physics

Contribution ID: **30**

Type: **not specified**

## **ATLAS Summary**

*Wednesday, 20 September 2006 09:30 (30 minutes)*

**Primary author:** MARIA SMIZANSKA (Lancaster)

**Presenter:** MARIA SMIZANSKA (Lancaster)

**Session Classification:** B-Physics

Contribution ID: **31**

Type: **not specified**

## Theory Overview

*Wednesday, 20 September 2006 09:00 (30 minutes)*

**Primary author:** PATRICIA BALL (IPPP)

**Presenter:** PATRICIA BALL (IPPP)

**Session Classification:** B-Physics

Contribution ID: 32

Type: **not specified**

## ATLAS Summary

*Tuesday, 19 September 2006 09:30 (30 minutes)*

**Primary author:** MARKUS SCHUMACHER (Bonn)

**Presenter:** MARKUS SCHUMACHER (Bonn)

**Session Classification:** Higgs Physics

Contribution ID: **33**

Type: **not specified**

## Theory Overview

*Tuesday, 19 September 2006 09:00 (30 minutes)*

**Primary author:** DIETER ZEPPENFELD (Karlsruhe)

**Presenter:** DIETER ZEPPENFELD (Karlsruhe)

**Session Classification:** Higgs Physics

Contribution ID: 34

Type: **not specified**

## Search for the Higgs in $t\bar{t}H$ , $H \rightarrow b\bar{b}$

*Tuesday, 19 September 2006 10:00 (20 minutes)*

**Primary author:** CHRIS COLLINS-TOOTH (Glasgow)

**Presenter:** CHRIS COLLINS-TOOTH (Glasgow)

**Session Classification:** Higgs Physics

Contribution ID: 35

Type: **not specified**

## **Higgs search and CP parity measmt. in $t\bar{t}H$ , $H \rightarrow 2$ photons**

*Tuesday, 19 September 2006 10:20 (20 minutes)*

**Primary author:** PEDRO TEIXEIRA-DIAS (RHUL)

**Presenter:** PEDRO TEIXEIRA-DIAS (RHUL)

**Session Classification:** Higgs Physics

Contribution ID: 36

Type: **not specified**

## Search for invisible Higgs in ttH production

*Tuesday, 19 September 2006 10:55 (20 minutes)*

**Primary author:** RICARDO GONCALO (RHUL)

**Presenter:** RICARDO GONCALO (RHUL)

**Session Classification:** Higgs Physics

Contribution ID: 37

Type: **not specified**

## ttH production in FeynHiggs

*Tuesday, 19 September 2006 11:15 (20 minutes)*

**Primary author:** BILL MURRAY (RAL)

**Presenter:** BILL MURRAY (RAL)

**Session Classification:** Higgs Physics

Contribution ID: **38**

Type: **not specified**

## **ATLAS Summary: SUSY**

*Tuesday, 19 September 2006 16:45 (20 minutes)*

**Primary author:** ALAN BARR (UCL)

**Presenter:** ALAN BARR (UCL)

**Session Classification:** SUSY/Exotics

Contribution ID: **39**

Type: **not specified**

## Theory Overview

*Tuesday, 19 September 2006 16:15 (30 minutes)*

**Primary author:** BEN ALLANACH (Cambridge)

**Presenter:** BEN ALLANACH (Cambridge)

**Session Classification:** SUSY/Exotics

Contribution ID: 40

Type: **not specified**

## ATLAS Summary: Exotics

*Tuesday, 19 September 2006 17:05 (20 minutes)*

**Primary author:** SAMIR FERRAG (Glasgow)

**Presenter:** SAMIR FERRAG (Glasgow)

**Session Classification:** SUSY/Exotics

Contribution ID: 41

Type: **not specified**

## **ATLAS Physics: Highlights and Challenges with Early Data**

*Wednesday, 20 September 2006 12:00 (30 minutes)*

**Primary author:** GIACOMO POLESELLO (Pavia)

**Presenter:** GIACOMO POLESELLO (Pavia)

**Session Classification:** Closing Session

Contribution ID: 42

Type: **not specified**

## ATLAS Summary

*Tuesday, 19 September 2006 14:00 (30 minutes)*

**Primary author:** STAN BENTVELSEN (NIKHEF)

**Presenter:** STAN BENTVELSEN (NIKHEF)

**Session Classification:** Top Physics (contd)

Contribution ID: 43

Type: **not specified**

## Triggering Top Events

*Tuesday, 19 September 2006 14:30 (30 minutes)*

**Primary author:** SIMON HEAD (Manchester)

**Presenter:** SIMON HEAD (Manchester)

**Session Classification:** Top Physics (contd)

Contribution ID: 44

Type: **not specified**

## **Top mass measurement using B hadron decay length**

*Tuesday, 19 September 2006 15:00 (15 minutes)*

**Primary author:** DIMITRIOS TYPALDOS (Birmingham)

**Presenter:** DIMITRIOS TYPALDOS (Birmingham)

**Session Classification:** Top Physics (contd)

Contribution ID: 45

Type: **not specified**

## Direct Measurement of Top Polarization

*Tuesday, 19 September 2006 15:15 (15 minutes)*

**Primary author:** AKIRA SHIBATA (Queen Mary, University of London)

**Presenter:** AKIRA SHIBATA (Queen Mary, University of London)

**Session Classification:** Top Physics (contd)

Contribution ID: 46

Type: **not specified**

## **Search for anomalous FCNC single top quark production with ATLAS**

*Tuesday, 19 September 2006 15:30 (15 minutes)*

**Primary author:** TEH LEE CHENG (Royal Holloway, University of London)

**Presenter:** TEH LEE CHENG (Royal Holloway, University of London)

**Session Classification:** Top Physics (contd)