

# **Terascale Statistics Tools School**

## **Report of Contributions**

Contribution ID: **0**

Type: **not specified**

# Welcome

*Monday, 29 September 2008 14:00 (15 minutes)*

**Presenters:** KLEINWORT, Claus (DESY); BEHNKE, Olaf (DESY); SCHMITT, Stefan (DESY)

Contribution ID: 1

Type: **not specified**

# Multivariate Analysis Techniques I

*Monday, 29 September 2008 14:15 (45 minutes)*

**Presenter:** VOSS, Helge (MPI-K Heidelberg)

Contribution ID: 2

Type: **not specified**

## **Multivariate Analysis Techniques II (Slides see Multivariate Analysis Techniques I)**

*Monday, 29 September 2008 15:15 (45 minutes)*

**Presenter:** VOSS, Helge (MPI-K Heidelberg)

Contribution ID: 3

Type: **not specified**

# Fitting Techniques I

*Monday, 29 September 2008 16:30 (1 hour)*

**Primary author:** BLOBEL, Volker (Uni HH)

**Presenter:** BLOBEL, Volker (Uni HH)

Contribution ID: 4

Type: **not specified**

## **Searches - Limits - Discoveries I**

*Tuesday, 30 September 2008 09:30 (45 minutes)*

**Presenter:** DEMORTIER, Luc (Rockefeller University)

Contribution ID: 5

Type: **not specified**

## **Fitting techniques II (Slides see Fitting Techniques I)**

*Tuesday, 30 September 2008 10:30 (45 minutes)*

**Presenter:** BLOBEL, Volker (Uni HH)

Contribution ID: 6

Type: **not specified**

## **Special practical problems in data analysis - The art of determining systematic errors I**

*Tuesday, 30 September 2008 16:00 (45 minutes)*

**Presenter:** WANKE, Rainer (Uni Mainz)



Contribution ID: 7

Type: **not specified**

## **Practical work on exemplary problems: paper exercises with solutions**

*Tuesday, 30 September 2008 11:45 (1 hour)*

Solve given practical problems; working in small teams

Contribution ID: 8

Type: **not specified**

## **Practical work on exemplary problems: computer exercises with solutions**

*Tuesday, 30 September 2008 14:00 (1h 30m)*

Contribution ID: 9

Type: **not specified**

## **Special invited talk: Real and false discoveries in high energy physics**

**Presenter:** COWAN, Glen (Royal Holloway, University of London)

Contribution ID: **10**

Type: **not specified**

## **Searches - Limits - Discoveries II**

*Wednesday, 1 October 2008 09:15 (45 minutes)*

**Presenter:** DEMORTIER, Luc (Rockefeller University)

Contribution ID: 11

Type: **not specified**

## Fitting methods II

**Presenter:** BLOBEL, Volker (Uni HH)

Contribution ID: 12

Type: **not specified**

## **Special practical problems in data analysis - The art of determining systematic errors II**

*Wednesday, 1 October 2008 15:00 (45 minutes)*

**Presenter:** WANKE, Rainer (Uni Mainz)

Contribution ID: 13

Type: **not specified**

## **Practical work on exemplary problems (PDF files -> see yesterdays sessions)**

*Wednesday, 1 October 2008 11:15 (1 hour)*

Contribution ID: 14

Type: **not specified**

## **Practical work on exemplary problems (PDF files -> see yesterdays sessions)**

*Wednesday, 1 October 2008 13:00 (1h 30m)*



Contribution ID: 15

Type: **not specified**

## **Special invited talk: Real and false discoveries in high energy physics**

Contribution ID: 16

Type: **not specified**

## **Invited Talk - Outlook: Searching for new signals at the LHC**

*Thursday, 2 October 2008 11:00 (1 hour)*

**Presenter:** SCHUMACHER, Markus (Uni Siegen)

Contribution ID: 17

Type: **not specified**

## **Terascale Statistics Tools School concluding Quiz - win a price!!**

Contribution ID: **18**

Type: **not specified**

## **Terascale Analysis Centre presents itself**

*Thursday, 2 October 2008 12:00 (5 minutes)*

**Presenter:** Dr SCHOERNER-SADENIUS, Thomas (Hamburg University)

Contribution ID: 19

Type: **not specified**

## Bayesian Statistics

*Wednesday, 1 October 2008 10:15 (45 minutes)*

**Presenter:** COWAN, Glen (Royal Holloway, University of London)

Contribution ID: 20

Type: **not specified**

## **Practical work on exemplary problems in small groups III**

Contribution ID: 21

Type: **not specified**

## **Practical work on exemplary problems in small groups III**

Contribution ID: 22

Type: **not specified**

## **Practical work on exemplary problems in small groups: Finale**



Contribution ID: 23

Type: **not specified**

## Advanced unfolding techniques

*Thursday, 2 October 2008 09:30 (45 minutes)*

**Presenter:** BLOBEL, Volker (Uni HH)

Contribution ID: 24

Type: **not specified**

## **Frequently Bayesian - the role of probability in data analysis**

*Tuesday, 30 September 2008 17:15 (1 hour)*

**Presenter:** COWAN, Glen (Royal Holloway, London)

Contribution ID: 25

Type: **not specified**

## **Real, false and missed discoveries in high energy physics**

*Wednesday, 1 October 2008 17:15 (1 hour)*

**Presenter:** DEMORTIER, Luc (Rockefeller University)

Contribution ID: 26

Type: **not specified**

## **Recent statistical software developments in ROOT**

*Wednesday, 1 October 2008 16:00 (45 minutes)*

**Presenter:** MONETA, Lorenzo (CERN)