# Interplay of Collider and Flavour Physics

### **Report of Contributions**

Introduction

Contribution ID: 0 Type: not specified

#### Introduction

Monday, 3 December 2007 09:00 (30 minutes)

Presenter: ELLIS, John

Contribution ID: 1 Type: not specified

#### Flavour-violating squark and gluino decays

Monday, 3 December 2007 09:40 (20 minutes)

**Presenter:** POROD, Werner Rudolf

Contribution ID: 2 Type: not specified

# Squark and gaugino hadroproduction and decays in non-minimal flavour violating supersymmetry

Monday, 3 December 2007 10:10 (20 minutes)

**Presenter:** FUKS, Benjamin

Contribution ID: 3 Type: not specified

## Charged-Higgs collider signals with or without flavor

Monday, 3 December 2007 10:40 (20 minutes)

Presenter: HILLER, Gudrun

Contribution ID: 4 Type: **not specified** 

#### Prospects of ATLAS, high-p\_T aspects

Monday, 3 December 2007 11:30 (20 minutes)

Presenter: UNEL, Gokhan

Contribution ID: 5 Type: **not specified** 

#### Prospects of CMS, high-p\_T aspects

Monday, 3 December 2007 12:00 (20 minutes)

**Presenter:** PIERINI, Maurizio

Contribution ID: 6 Type: not specified

#### **Constraints on MSSM Higgs bosons**

Monday, 3 December 2007 15:50 (20 minutes)

**Presenter:** HEINEMEYER, Sven

Contribution ID: 7 Type: **not specified** 

### The SUSY parameter space in light of B-physics observables and EW data

Monday, 3 December 2007 14:00 (20 minutes)

Presenter: ISIDORI, Gino

Contribution ID: 8 Type: **not specified** 

# Constraints on B and Higgs physics in minimal low energy SUSY models

Monday, 3 December 2007 14:30 (20 minutes)

**Presenter:** WAGNER, Carlos

Contribution ID: 9 Type: not specified

#### B-Bbar mixing and the Higgs sector of the MSSM

Monday, 3 December 2007 15:00 (20 minutes)

Presenter: GORBAHN, Martin

Contribution ID: 10 Type: not specified

#### SUSY Higgs boson flavor-changing neutral currents

Monday, 3 December 2007 16:20 (20 minutes)

Presenter: LOPEZ-VAL, David

Discussion

Contribution ID: 11 Type: not specified

#### Discussion

Monday, 3 December 2007 16:50 (1h 10m)

Presenters: WAGNER, Carlos; DE JONG, Paul; LANGENEGGER, Urs; NIR, Yossi

Contribution ID: 12 Type: not specified

#### Role of flavour in model building

Tuesday, 4 December 2007 09:00 (30 minutes)

**Presenter:** GROJEAN, Christophe

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(no title)

Contribution ID: 13 Type: not specified

(no title)

Presenter: ROMANINO, Andrea

Contribution ID: 14 Type: not specified

#### Lepton flavour violation

Tuesday, 4 December 2007 09:40 (20 minutes)

Presenter: ROMANINO, Andrea

Contribution ID: 15 Type: not specified

#### Probing minimal flavor violation at the LHC

Tuesday, 4 December 2007 11:00 (20 minutes)

**Presenter:** ZUPAN, Jure

Contribution ID: 16 Type: not specified

### B meson observables in the maximally CP-violating MSSM with minimal flavour violation

Tuesday, 4 December 2007 11:30 (20 minutes)

**Presenter:** PILAFTSIS, Apostolos

Contribution ID: 17 Type: not specified

#### Results and prospects of Babar/Belle

Tuesday, 4 December 2007 14:00 (20 minutes)

Presenter: OLSEN, Jim

Contribution ID: 18 Type: not specified

#### **Experimental prospects for charm physics**

Tuesday, 4 December 2007 14:30 (20 minutes)

Presenter: ASNER, David

Contribution ID: 19 Type: not specified

#### **Tools: strategy for the future**

Tuesday, 4 December 2007 15:00 (20 minutes)

Tools: strategy for the future

**Presenter:** RONGA, Frederic

Contribution ID: 20 Type: not specified

#### **Prospects of LHCb**

Tuesday, 4 December 2007 17:00 (30 minutes)

Presenter: CALVI, Marta

Contribution ID: 21 Type: not specified

# A super flavour factory and the LHC: reconstructing the New Physics Lagrangian

Tuesday, 4 December 2007 15:50 (20 minutes)

**Presenter:** CIUCHINI, Marco

Discussion

Contribution ID: 22 Type: not specified

#### Discussion

Tuesday, 4 December 2007 17:30 (30 minutes)

**Presenters:** MUHEIM, Franz; OLSEN, Jim

Contribution ID: 23 Type: not specified

#### Minimal flavour violation, seasaw and R-parity

Tuesday, 4 December 2007 10:10 (20 minutes)

**Presenter:** SMITH, Christopher

Contribution ID: 24 Type: not specified

# K - \bar K and B- \bar B mixings in the MSSM with explicit CP violation in the Higgs sector

Tuesday, 4 December 2007 12:00 (20 minutes)

**Presenter:** SUKACHEV, Alexei

Contribution ID: 25 Type: not specified

#### Propects of ATLAS, flavour aspects

Tuesday, 4 December 2007 16:40 (15 minutes)

**Presenter:** BUANES, Trygve

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(no title)

Contribution ID: 26 Type: not specified

(no title)

Contribution ID: 27 Type: not specified

#### Propects of CMS, flavour aspects

Tuesday, 4 December 2007 16:20 (15 minutes)

Presenter: OLSEN, Jim