

SuperB Workshop VI

Report of Contributions

Contribution ID: 2

Type: **not specified**

$B \rightarrow \tau \nu \gamma$ (theory)

Tuesday, 8 January 2008 17:00 (45 minutes)

Presenter: EMI KOU

Session Classification: Working Groups - B Physics

Contribution ID: 5

Type: **not specified**

$b \rightarrow s \gamma$ (experiment)

Thursday, 10 January 2008 09:00 (45 minutes)

Presenter: JOHN WALSH

Session Classification: Working Groups - B Physics

Contribution ID: 6

Type: **not specified**

$b \rightarrow s \gamma$ and $b \rightarrow s l l$ (theory)

Thursday, 10 January 2008 09:45 (45 minutes)

Presenter: TOBIAS HURTH

Session Classification: Working Groups - B Physics

Contribution ID: 8

Type: **not specified**

Tools HEP/Flavour interplay

Wednesday, 9 January 2008 11:00 (45 minutes)

Presenter: FREDERIC RONGA

Session Classification: Working Groups - B Physics

Contribution ID: 9

Type: **not specified**

SUSY breaking scenario

Wednesday, 9 January 2008 14:30 (45 minutes)

Presenter: TETSUO SHINDOU

Session Classification: Working Group - B Physics

Contribution ID: **10**

Type: **not specified**

NP in the MMSM scenario (an update of CDR)

Wednesday, 9 January 2008 17:00 (45 minutes)

Presenter: MARCO CIUCHINI + ACHILLE STOCCHI

Session Classification: Working Group - B Physics

Contribution ID: **11**

Type: **not specified**

MFV + Snowmass point (working plans)

Wednesday, 9 January 2008 15:15 (45 minutes)

Presenter: MARCO CIUCHINI + LUCA SILVESTRINI

Session Classification: Working Group - B Physics

Contribution ID: 12

Type: **not specified**

Impact of B physics on Next-Minimal-SUSY (NMSSM)

Thursday, 10 January 2008 11:00 (45 minutes)

Presenter: FLORIAN DOMINGO

Session Classification: Working Group - B Physics

Contribution ID: 13

Type: **not specified**

Extra dimension and flavour physics

Thursday, 10 January 2008 14:30 (45 minutes)

Presenter: EMI KOU

Session Classification: Working Group - B Physics

Contribution ID: 15

Type: **not specified**

$B \rightarrow \tau (\mu) \gamma$

Tuesday, 8 January 2008 17:45 (45 minutes)

Presenter: ADRIAN BEVAN + GIANLUCA CAVOTO

Session Classification: Working Groups - B Physics

Contribution ID: 16

Type: **not specified**

Quarkonium spectroscopy: Experimental status of the art and future perspectives

Monday, 7 January 2008 16:00 (30 minutes)

Presenter: RICCARDO FACCINI

Session Classification: Plenary I - The Spectroscopy Physics Case

Contribution ID: 17

Type: **not specified**

New spectroscopy (including light mesons): theory status of the art and perspectives

Monday, 7 January 2008 15:30 (30 minutes)

Presenter: ANTONELLO POLOSA

Session Classification: Plenary I - The Spectroscopy Physics Case

Contribution ID: **18**

Type: **not specified**

B Physics Observable for New Physics discoveries (Theory)

Monday, 7 January 2008 17:00 (30 minutes)

Presenter: MARCO CIUCHINI

Session Classification: Plenary II - B Physics for New Physics

Contribution ID: **19**

Type: **not specified**

B Physics Observable for New Physics discoveries (Exp.)

Monday, 7 January 2008 17:30 (30 minutes)

Presenter: TIM GERSHON

Session Classification: Plenary II - B Physics for New Physics

Contribution ID: 20

Type: **not specified**

The Case of Charm Physics

Tuesday, 8 January 2008 09:00 (45 minutes)

Presenter: IKAROS BIGI

Session Classification: Plenary III - Charm Physics

Contribution ID: **21**

Type: **not specified**

Tau Physics - Theory overview

Tuesday, 8 January 2008 11:00 (30 minutes)

Presenter: PARIDE PARDISI

Session Classification: Plenary IV - Tau Physics

Contribution ID: 22

Type: **not specified**

Tau Physics - Experimental overview

Tuesday, 8 January 2008 11:30 (30 minutes)

Presenter: LUSIANI, Alberto

Session Classification: Plenary IV - Tau Physics

Contribution ID: 24

Type: **not specified**

$K(^*)\tau\tau$ / $B \rightarrow l \nu \gamma$, LFV modes ($B \rightarrow K\tau + l^-$ or $B \rightarrow \tau + l^-$) (experiment)

Wednesday, 9 January 2008 09:00 (45 minutes)

Presenter: STEVE ROBERTSON

Session Classification: Working Groups - B Physics

Contribution ID: 25

Type: **not specified**

$b \rightarrow Xsl, Xs \nu \nu$ (experiment)

Wednesday, 9 January 2008 09:45 (45 minutes)

Presenter: FRANCESCO RENGÀ

Session Classification: Working Groups - B Physics

Contribution ID: 26

Type: **not specified**

Vub (experiment)

Tuesday, 8 January 2008 14:30 (45 minutes)

Presenter: BENOIT VIAUD

Session Classification: Working Groups - B physics

Contribution ID: 27

Type: **not specified**

Vub (theory) [BY PHONE]

Tuesday, 8 January 2008 15:15 (45 minutes)

Presenter: PAOLO GAMBINO

Session Classification: Working Groups - B physics

Contribution ID: **28**

Type: **not specified**

theory point of view

Tuesday, 8 January 2008 17:00 (20 minutes)

Session Classification: Working Groups - Spectroscopy

Contribution ID: **30**

Type: **not specified**

Discussion - division of work

Tuesday, 8 January 2008 15:30 (45 minutes)

Presenters: ANTONELLO POLOSA; RICCARDO FACCINI

Session Classification: Working Groups - Spectroscopy: bottomonium and exotica

Contribution ID: 31

Type: **not specified**

status of the art and potentialities at current exps

Tuesday, 8 January 2008 15:10 (20 minutes)

Presenter: PATRIGNANI, Claudia (INFN Genova)

Session Classification: Working Groups - Spectroscopy: bottomonium and exotica

Contribution ID: 32

Type: **not specified**

Searching for a light non-standard Higgs in bottomonium radiative decays

Tuesday, 8 January 2008 14:30 (20 minutes)

Presenter: SANCHIS LOZANO, Miguel Angel

Session Classification: Working Groups - Spectroscopy: bottomonium and exotica

Contribution ID: 33

Type: **not specified**

Super-B Considerations for Higgses and Dark Matter [BY PHONE]

Tuesday, 8 January 2008 14:50 (20 minutes)

Presenter: MCELRATH, Robert

Session Classification: Working Groups - Spectroscopy: bottomonium and exotica

Contribution ID: 34

Type: **not specified**

Discussion - division of work

Tuesday, 8 January 2008 17:30 (20 minutes)

Presenters: ANTONELLO POLOSA; FACCINI, Riccardo (RM1)

Session Classification: Working Groups - Spectroscopy

Contribution ID: 35

Type: **not specified**

State of the art

Wednesday, 9 January 2008 09:00 (20 minutes)

Presenter: RICCARDO FACCINI

Session Classification: Working Groups - Spectroscopy

Contribution ID: 36

Type: **not specified**

potentialities of current generation of exps

Wednesday, 9 January 2008 09:30 (20 minutes)

Presenter: TOSI, Silvano

Session Classification: Working Groups - Spectroscopy

Contribution ID: 37

Type: **not specified**

Status and perspectives of competitors

Wednesday, 9 January 2008 10:00 (20 minutes)

Session Classification: Working Groups - Spectroscopy

Contribution ID: **38**

Type: **not specified**

Review of predictions of models

Wednesday, 9 January 2008 11:00 (20 minutes)

Session Classification: Working Groups - Spectroscopy

Contribution ID: 39

Type: **not specified**

Discussion on energy scan needs

Wednesday, 9 January 2008 11:20 (20 minutes)

Session Classification: Working Groups - Spectroscopy

Contribution ID: **40**

Type: **not specified**

Division of work

Wednesday, 9 January 2008 11:40 (20 minutes)

Session Classification: Working Groups - Spectroscopy

Contribution ID: 41

Type: **not specified**

T odd Moments in $D \rightarrow K^+ K^- \pi^+ \pi^-$ [BY PHONE]

Thursday, 10 January 2008 15:30 (45 minutes)

Presenter: PALANO, Antimo

Session Classification: Working Group Charm

Contribution ID: **42**

Type: **not specified**

Observables

Presenter: P.BERNABEU

Contribution ID: 43

Type: **not specified**

Tau Anomalous Magnetic Moment Measurement with cross section angular dependence

Presenter: A.CERVELLI

Contribution ID: 44

Type: **not specified**

Welcome from Director of IFIC and the Delegate of CSIC in the Valencian Community

Monday, 7 January 2008 15:00 (15 minutes)

Session Classification: Welcome

Contribution ID: 45

Type: **not specified**

Present status of the SuperB project

Tuesday, 8 January 2008 12:00 (30 minutes)

Presenter: GIORGI, Marcello

Session Classification: Plenary IV - Tau Physics

Contribution ID: 46

Type: **not specified**

Observables

Wednesday, 9 January 2008 09:30 (30 minutes)

Presenter: BERNABEU, Jose

Session Classification: WG - Tau Physics - EDM, (g-2)_tau, T/CP-odd observables

Contribution ID: 47

Type: **not specified**

Tau Anomalous Magnetic Moment Measurement with cross section angular dependence

Wednesday, 9 January 2008 10:00 (20 minutes)

Presenter: CERVELLI, Alberto

Session Classification: WG - Tau Physics - EDM, $(g-2)_{\tau}$, T/CP-odd observables

Contribution ID: 48

Type: **not specified**

Progress on tau -> mu gamma analysis

Thursday, 10 January 2008 09:45 (25 minutes)

Presenter: SWAGATO BANERJEE

Session Classification: WG - Tau Physics - Lepton Flavour Violation

Contribution ID: 49

Type: **not specified**

Light Higgs parity determination from tau spin correlations

Wednesday, 9 January 2008 14:30 (20 minutes)

Presenter: SANCHIS LOZANO, Miguel Angel (IFIC, University of Valencia)

Session Classification: WG - Joint Spectroscopy and Tau Physics

Contribution ID: 50

Type: **not specified**

LFV tau decays in constrained MSSM

Thursday, 10 January 2008 09:30 (15 minutes)

Presenter: PORTOLES, Jorge

Session Classification: WG - Tau Physics - Lepton Flavour Violation

Contribution ID: 51

Type: **not specified**

Tau Working Group Summary

Saturday, 12 January 2008 10:00 (45 minutes)

Presenter: LUSIANI, Alberto

Session Classification: Plenary V

Contribution ID: 52

Type: **not specified**

Charm working group summary

Saturday, 12 January 2008 15:15 (45 minutes)

Presenter: MARTINEZ-VIDAL, Fernando

Session Classification: Plenary VII

Contribution ID: 53

Type: **not specified**

Spectroscopy Working Group Summary

Saturday, 12 January 2008 12:15 (45 minutes)

Presenter: FACCINI, Riccardo (RM1)

Session Classification: Plenary VI

Contribution ID: 54

Type: **not specified**

B physics working group summary

Saturday, 12 January 2008 14:30 (45 minutes)

Presenter: GERSHON, Tim

Session Classification: Plenary VII

Contribution ID: 55

Type: **not specified**

Tools working group summary

Saturday, 12 January 2008 11:30 (45 minutes)

Presenter: MATTEO RAMA

Session Classification: Plenary VI

Contribution ID: 56

Type: **not specified**

Preparation for writing the document

Saturday, 12 January 2008 16:00 (20 minutes)

Presenter: MARCELLO GIORGI

Session Classification: Plenary VII

Contribution ID: 57

Type: **not specified**

DCH short term plan

Thursday, 10 January 2008 17:50 (10 minutes)

Presenter: MATTEO RAMA

Session Classification: Working Groups - Tools

Contribution ID: 58

Type: **not specified**

Summary of CMS simulation tools

Thursday, 10 January 2008 18:00 (20 minutes)

Presenter: MAURO MORANDIN

Session Classification: Working Groups - Tools

Contribution ID: 59

Type: **not specified**

Sharpening the Tau Physics case for SuperB

Monday, 14 January 2008 14:30 (20 minutes)

Presenter: Dr LUSIANI, Alberto (Scuola Normale Superiore di Pisa)

Session Classification: Preparation of the document

Contribution ID: **60**

Type: **not specified**

WG III: Spectroscopy

Tuesday, 15 January 2008 11:00 (20 minutes)

Presenters: POLOSA, Antonio Davide (RM1); SANCHIS LOZANO, Miguel Angel (IFIC, University of Valencia); FACCINI, Riccardo (RM1)

Session Classification: Preparation of the document

Contribution ID: **61**

Type: **not specified**

B-Physics

Tuesday, 15 January 2008 11:20 (20 minutes)

Presenter: M. CIUCHINI, T. GERSHON, A.STOCCHI

Session Classification: Preparation of the document

Contribution ID: 62

Type: **not specified**

Skeleton of appendix on tools

Monday, 14 January 2008 14:50 (20 minutes)

Presenter: MATTEO RAMA

Session Classification: Preparation of the document

Contribution ID: **63**

Type: **not specified**

charm skeleton

Tuesday, 15 January 2008 11:40 (20 minutes)

Presenters: MARTINEZ-VIDAL, Fernando; IKAROS BIGI

Session Classification: Preparation of the document

Contribution ID: 64

Type: **not specified**

Structure of the whole document

Tuesday, 15 January 2008 14:30 (20 minutes)

Session Classification: Closing session