

FCAL Collaboration Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Registration

Friday 5 October 2007 08:30 (30 minutes)

Contribution ID: 1

Type: **not specified**

Welcome to the FCAL meeting at LAL

Friday 5 October 2007 09:00 (10 minutes)

Presenter: WORMSER, Guy (Centre Nat. de la Recherche Scient. (CNRS))

Session Classification: Introductory Session 1

Contribution ID: 2

Type: **not specified**

Dark Matter and the ILC

Friday 5 October 2007 09:20 (30 minutes)

Presenter: DJOUADI, Abdelhak (Unknown)

Session Classification: Introductory Session 1

Contribution ID: 3

Type: **not specified**

Importance of the FCAL for SUSY dark matter scenarios at ILC

Friday 5 October 2007 09:50 (20 minutes)

Presenter: Dr ZHANG, Zhiqing (LAL)

Session Classification: Introductory Session 1

Contribution ID: 4

Type: **not specified**

Beam Diagnostics using BeamCal

Friday 5 October 2007 10:10 (20 minutes)

Presenter: Dr GRAH, Christian (DESY)

Session Classification: Introductory Session 1

Contribution ID: 6

Type: **not specified**

Report from IRENG07

Friday 5 October 2007 11:00 (15 minutes)

Impact of “Push-Pull” on LumiCal

Presenter: Mr WIERBA, Wojciech (Institute of Nuclear Physics Polish Academy of Science)

Session Classification: Introductory Session 2

Contribution ID: 7

Type: **not specified**

Report from IRENG07

Friday 5 October 2007 11:15 (15 minutes)

Integration of BeamCal in the BDS and Detector

Presenter: LOHMANN, Wolfgang (DESY)

Session Classification: Introductory Session 2

Contribution ID: 8

Type: **not specified**

Additional issues from IRENG07

Friday 5 October 2007 11:30 (30 minutes)

Discussion

Session Classification: Introductory Session 2

Contribution ID: 9

Type: **not specified**

Si Sensors for LumiCal

Friday 5 October 2007 14:00 (20 minutes)

Presenter: Mr WIERBA, Wojciech (Institute of Nuclear Physics Polish Academy of Science)

Session Classification: Session on BeamCal and LumiCal Sensor R&D

Contribution ID: **10**

Type: **not specified**

Testbeam Results for GaAs and radiation-hard Si

Friday 5 October 2007 14:20 (20 minutes)

Presenter: Mr OHLERICH, Martin (DESY Zeuthen)

Session Classification: Session on BeamCal and LumiCal Sensor R&D

Contribution ID: **11**

Type: **not specified**

Investigation of CVD Diamonds as Sensor Material for BeamCal

Friday 5 October 2007 14:40 (20 minutes)

Presenter: SASHA IGNATENKO, MINSK

Session Classification: Session on BeamCal and LumiCal Sensor R&D

Contribution ID: 12

Type: **not specified**

Polarization Effects in single-crystalline CVD Diamond Charge Collection

Friday 5 October 2007 15:00 (20 minutes)

Presenter: SERGEJ SCHUWALOW, DESY

Session Classification: Session on BeamCal and LumiCal Sensor R&D

Contribution ID: 13

Type: **not specified**

Experience with Diamond Sensors at CEA-Saclay

Friday 5 October 2007 15:20 (20 minutes)

Presenter: PHILIPPE BERGONZO, CEA-SACLAY

Session Classification: Session on BeamCal and LumiCal Sensor R&D

Contribution ID: 14

Type: **not specified**

Further Issues and Work on Lumi/BeamCal Sensors

Friday 5 October 2007 15:40 (20 minutes)

Discussion

Session Classification: Session on BeamCal and LumiCal Sensor R&D

Contribution ID: 15

Type: **not specified**

Report on GamCal status and prospects

Friday 5 October 2007 16:50 (20 minutes)

(via phone)

Presenter: MIKE ZELLER, YALE

Session Classification: Session on FCAL electronics and readout + GAMCAL

Contribution ID: **16**

Type: **not specified**

LumiCal FE design status

Friday 5 October 2007 17:10 (15 minutes)

- first talk -

Presenter: MAREK IDZIK, CRACOW

Session Classification: Session on FCAL electronics and readout + GAMCAL

Contribution ID: 17

Type: **not specified**

LumiCal FE design status

Friday 5 October 2007 17:25 (15 minutes)

- second talk -

Presenter: SWIENTEK, Krzysztof (Unknown)

Session Classification: Session on FCAL electronics and readout + GAMCAL

Contribution ID: **18**

Type: **not specified**

Investigation of the Crosstalk in the Readout Structure of FCAL

Friday 5 October 2007 17:40 (20 minutes)

Presenter: KONSTANTIN AFANACIEV, MINSK

Session Classification: Session on FCAL electronics and readout + GAMCAL

Contribution ID: **19**

Type: **not specified**

BeamCal Electronics Status

Friday 5 October 2007 18:00 (20 minutes)

(by phone)

Presenter: ANGEL ABUSLEME, SLAC

Session Classification: Session on FCAL electronics and readout + GAMCAL

Contribution ID: 20

Type: **not specified**

Additional discussion time

Friday 5 October 2007 18:20 (10 minutes)

e.g. discussion of requirements for BeamCal FE. How many channels need to be read out fast for diagnostics purposes and which ones, ideally ? Is there any scope to limit the number of channels read out between trains by a threshold, without compromising the HE electron veto ? Are there cooling issues ? Veto needs from physics for other than HE electrons (e.g. muons, pions) requiring MIP detection ?

Session Classification: Session on FCAL electronics and readout + GAMCAL

Contribution ID: 21

Type: **not specified**

BeamCal Mechanics and Beamline Layout

Saturday 6 October 2007 09:00 (20 minutes)

Presenter: SERGEJ SCHUWALOW, DESY

Session Classification: Session on BeamCal and LumiCal mechanics

Contribution ID: 22

Type: **not specified**

LumiCal Mechanical Design and LDC Integration

Saturday 6 October 2007 09:20 (20 minutes)

Presenter: Mr WIERBA, Wojciech (Institute of Nuclear Physics Polish Academy of Science)

Session Classification: Session on BeamCal and LumiCal mechanics

Contribution ID: 23

Type: **not specified**

Laser Positioning System - Status report

Saturday 6 October 2007 09:40 (20 minutes)

Presenter: LESZEK ZAWIEJSKI, CRACOW

Session Classification: Session on BeamCal and LumiCal mechanics

Contribution ID: 25

Type: **not specified**

Backscattered photon rates in VD

Saturday 6 October 2007 12:05 (20 minutes)

Presenter: Dr DADOUN, Olivier (LAL Orsay)

Session Classification: Session on Background Estimation and Algorithms

Contribution ID: 26

Type: **not specified**

A Clustering Algorithm for LumiCal

Saturday 6 October 2007 10:45 (20 minutes)

Presenter: IFTACH SADEH, TEL AVIV

Session Classification: Session on Background Estimation and Algorithms

Contribution ID: 27

Type: **not specified**

New optimised LumiCal design including tracker

Saturday 6 October 2007 11:25 (20 minutes)

Presenter: PAVEL RUZICKA, PRAHA

Session Classification: Session on Background Estimation and Algorithms

Contribution ID: **28**

Type: **not specified**

Extra discussion time

Saturday 6 October 2007 12:25 (15 minutes)

Session Classification: Session on Background Estimation and Algorithms

Contribution ID: 29

Type: **not specified**

FCAL review process

Saturday 6 October 2007 14:00 (30 minutes)

Outcome, establish resulting priorities + preparation of PRC

Presenter: LOHMANN, Wolfgang (DESY)

Session Classification: Discussion and Closeout Session

Contribution ID: **30**

Type: **not specified**

Further Discussion

Saturday 6 October 2007 14:30 (30 minutes)

Strategy and planning, list of relevant items tbd...

Session Classification: Discussion and Closeout Session

Contribution ID: **31**

Type: **not specified**

Symmary talk

Saturday 6 October 2007 15:00 (20 minutes)

Presenter: LOHMANN, Wolfgang (DESY)

Session Classification: Discussion and Closeout Session

Contribution ID: 32

Type: **not specified**

Concluding remarks and thanks...

Saturday 6 October 2007 15:20 (10 minutes)

Session Classification: Discussion and Closeout Session

Contribution ID: 33

Type: **not specified**

Introduction to Meeting

Friday 5 October 2007 09:10 (10 minutes)

Presenter: LOHMANN, Wolfgang (DESY)

Session Classification: Introductory Session 1

Contribution ID: 35

Type: **not specified**

Extra discussion time

Saturday 6 October 2007 10:00 (30 minutes)

Session Classification: Session on BeamCal and LumiCal mechanics

Contribution ID: 36

Type: **not specified**

Present Status of the Simulation of the 2 Photon Process in the BeamCal

Friday 5 October 2007 16:30 (20 minutes)

(by phone)

Presenter: NAUENBERG, Uriel (Unknown)

Session Classification: Session on FCAL electronics and readout + GAMCAL

Contribution ID: **38**

Type: **not specified**

Recent results on backgrounds from pair backscattering

Saturday 6 October 2007 11:45 (20 minutes)

Presenter: Dr GRAH, Christian (DESY)

Session Classification: Session on Background Estimation and Algorithms

Contribution ID: 39

Type: **not specified**

Performance of LumiCal in LCDV5 detector design

Saturday 6 October 2007 11:05 (20 minutes)

Presenter: PAWLIK BOGDAN, CRACOW

Session Classification: Session on Background Estimation and Algorithms