

Workshop on fast Cherenkov detectors - Photon detection, DIRC design and DAQ

Report of Contributions

Contribution ID: 1

Type: **not specified**

Overview on APDs and SiPMTs

Monday, 11 May 2009 14:15 (45 minutes)

Presenter: DIETER RENKER, PSI

Session Classification: Photon detection

Contribution ID: 2

Type: **not specified**

Welcome and scope of the workshop

Monday, 11 May 2009 14:00 (15 minutes)

Presenter: MICHAEL DÜREN, UNIV. GIESSEN

Session Classification: Photon detection

Contribution ID: 3

Type: **not specified**

Application and detection of Cherenkov radiation

Monday, 11 May 2009 15:00 (45 minutes)

Presenter: PETER KRIZAN, LJUBLJANA

Session Classification: Photon detection

Contribution ID: 4

Type: **not specified**

Report by Hamamatsu

Monday, 11 May 2009 16:00 (20 minutes)

Presenter: SCHMID, Siegfried (Hamamatsu, Germany)

Session Classification: Photon detection

Contribution ID: 5

Type: **not specified**

Report by Photonique

Monday, 11 May 2009 16:20 (20 minutes)

Presenter: MCNALLY, David (Switzerland)

Session Classification: Photon detection

Contribution ID: 7

Type: **not specified**

Report by Photek (Diamond PMTs)

Monday, 11 May 2009 16:40 (20 minutes)

Presenter: JON HOWORTH, UK

Session Classification: Photon detection

Contribution ID: 8

Type: **not specified**

MCP detectors for picosecond timing

Monday, 11 May 2009 17:00 (20 minutes)

Presenter: WOLFGANG PLAß, GIESSEN

Session Classification: Photon detection

Contribution ID: 9

Type: **not specified**

Studies of MCP properties

Monday, 11 May 2009 17:20 (20 minutes)

Presenter: ALBERT LEHMANN, ERLANGEN

Session Classification: Photon detection

Contribution ID: **10**

Type: **not specified**

Studies of APD properties

Monday, 11 May 2009 17:40 (20 minutes)

Presenter: HANNES MARTON, VIENNA

Session Classification: Photon detection

Contribution ID: **11**

Type: **not specified**

The Babar DIRC

Tuesday, 12 May 2009 10:00 (50 minutes)

Presenter: JOE SCHWIENING, SLAC

Session Classification: DIRC design I

Contribution ID: 12

Type: **not specified**

Development of time of propagation counters

Tuesday, 12 May 2009 11:10 (50 minutes)

Presenter: KENJI INAMI, NAGOYA

Session Classification: DIRC design I

Contribution ID: 14

Type: **not specified**

ATLAS Forward Proton Time-of-Flight Detectors

Tuesday, 12 May 2009 12:00 (50 minutes)

Presenter: ANDREW BRANDT, ARLINGTON

Session Classification: DIRC design I

Contribution ID: 15

Type: **not specified**

The Panda Barrel DIRC

Tuesday, 12 May 2009 14:30 (40 minutes)

Presenter: CARSTEN SCHWARZ, GSI

Session Classification: DIRC design II

Contribution ID: 16

Type: **not specified**

The Panda time-of-propagation DISC DIRC

Tuesday, 12 May 2009 15:10 (40 minutes)

Presenter: MICHAEL DÜREN, GIESSEN

Session Classification: DIRC design II

Contribution ID: 17

Type: **not specified**

The focussing-lightguide DISC DIRC design

Tuesday, 12 May 2009 16:10 (30 minutes)

Presenter: KLAUS FÖHL, GIESSEN

Session Classification: DIRC design II

Contribution ID: **18**

Type: **not specified**

The Panda focussing-lightguide DISC DIRC

Tuesday, 12 May 2009 16:40 (30 minutes)

Presenter: MATTHIAS HOEK, GLASGOW

Session Classification: DIRC design II

Contribution ID: 19

Type: **not specified**

The Wasa focussing-lightguide DISC DIRC

Tuesday, 12 May 2009 17:10 (20 minutes)

Presenter: WOLFGANG EYRICH, ERLANGEN

Session Classification: DIRC design II

Contribution ID: 20

Type: **not specified**

Discussion and brainstorming on design options

Tuesday, 12 May 2009 17:30 (1 hour)

Presenter: ALL

Session Classification: DIRC design II

Contribution ID: 21

Type: **not specified**

The Panda front-end electronics and data acquisition

Wednesday, 13 May 2009 09:00 (45 minutes)

Presenter: IGOR KONOROV, TU MUNICH

Session Classification: Front-end electronics and data acquisition

Contribution ID: 22

Type: **not specified**

Front-end electronics at ATLAS-AFP

Wednesday, 13 May 2009 10:40 (20 minutes)

Presenter: ANATOLI ASTVATSATOUROV, GIESSEN

Session Classification: Front-end electronics and data acquisition

Contribution ID: 23

Type: **not specified**

Microelectronics for SiPM readout

Wednesday, 13 May 2009 11:00 (30 minutes)

Presenter: POUTHAS, Joel (Orsay)

Session Classification: Front-end electronics and data acquisition

Contribution ID: 25

Type: **not specified**

Plans for PANDA online computing

Wednesday, 13 May 2009 09:45 (30 minutes)

Presenter: Dr LANGE, Sören

Session Classification: Front-end electronics and data acquisition

Contribution ID: 26

Type: **not specified**

Panda Barrel DIRC

Wednesday, 13 May 2009 11:30 (20 minutes)

Presenter: CARSTEN SCHWARZ, GSI

Session Classification: PANDA-DIRC Front-end electronics and DAQ (I)

Contribution ID: 27

Type: **not specified**

Panda TOP-DISC DIRC

Wednesday, 13 May 2009 12:55 (20 minutes)

Presenter: AVETIK HAYRAPETYAN, GIESSEN

Session Classification: PANDA-DIRC Front-end electronics and DAQ (II)

Contribution ID: 28

Type: **not specified**

Panda FL-DISC DIRC

Wednesday, 13 May 2009 12:35 (20 minutes)

Presenter: TIBOR KERI, GLASGOW

Session Classification: PANDA-DIRC Front-end electronics and DAQ (II)

Contribution ID: 29

Type: **not specified**

Panda Barrel DIRC

Wednesday, 13 May 2009 13:15 (15 minutes)

Presenter: CARSTEN SCHWARZ, GSI

Session Classification: Reconstructon methods

Contribution ID: **30**

Type: **not specified**

Panda TOP-DISC DIRC

Wednesday, 13 May 2009 13:30 (15 minutes)

Presenter: OLIVER MERLE, GIESSEN

Session Classification: Reconstructon methods

Contribution ID: 32

Type: **not specified**

Panda FL-DISC DIRC

Wednesday, 13 May 2009 13:45 (15 minutes)

Presenter: GORDON HILL, GLASGOW

Session Classification: Reconstructon methods

Contribution ID: 33

Type: **not specified**

DIRC reconstruction studies

Wednesday, 13 May 2009 14:00 (15 minutes)

Presenter: HARTMUT MACHNER, JÜLICH

Session Classification: Reconstructon methods

Contribution ID: **34**

Type: **not specified**

Discussion

Wednesday, 13 May 2009 14:15 (15 minutes)

Session Classification: Reconstructon methods

Contribution ID: 36

Type: **not specified**

Further progress reports from the contributing institutes

Wednesday, 13 May 2009 15:30 (15 minutes)

Presenter: EDINBURGH, ERLANGEN, KRAKOW, GIESSEN, GLASGOW, GSI, JÜLICH, TÜBINGEN, WIEN

Session Classification: PANDA DIRC planning meeting

Contribution ID: 37

Type: **not specified**

Steps towards the Technical Design Report

Wednesday, 13 May 2009 15:45 (20 minutes)

Presenter: KLAUS FÖHL, GIESSEN

Session Classification: PANDA DIRC planning meeting

Contribution ID: **38**

Type: **not specified**

Planning of the Panda test experiments

Wednesday, 13 May 2009 16:05 (20 minutes)

Presenter: AVETIK HAYRAPETYAN, GIESSEN

Session Classification: PANDA DIRC planning meeting

Contribution ID: 39

Type: **not specified**

Open Issues and ToDo lists

Wednesday, 13 May 2009 16:25 (40 minutes)

Session Classification: PANDA DIRC planning meeting

Contribution ID: 40

Type: **not specified**

AOB

Wednesday, 13 May 2009 17:05 (40 minutes)

Session Classification: PANDA DIRC planning meeting

Contribution ID: 41

Type: **not specified**

Progress report from GSI

Wednesday, 13 May 2009 14:45 (15 minutes)

Presenter: ROLAND HOHLER

Session Classification: PANDA DIRC planning meeting

Contribution ID: 42

Type: **not specified**

Progress report from Erlangen

Wednesday, 13 May 2009 15:00 (15 minutes)

Presenter: BRITTING, Alexander

Session Classification: PANDA DIRC planning meeting

Contribution ID: 43

Type: **not specified**

Progress report from Glasgow

Wednesday, 13 May 2009 15:15 (15 minutes)

Presenter: COWIE, Euan

Session Classification: PANDA DIRC planning meeting