

DIRC2011: Workshop on fast Cherenkov detectors

Report of Contributions

Contribution ID: 3

Type: **not specified**

Welcome coffee and registration

Monday, 4 April 2011 13:00 (1 hour)

Contribution ID: 5

Type: **not specified**

Welcome and scope of the workshop

Monday, 4 April 2011 14:00 (10 minutes)

Presenter: Prof. DÜREN, Michael

Session Classification: Session1 Part 1: Photon Detection

Contribution ID: 8

Type: **not specified**

Report by Hamamatsu

Monday, 4 April 2011 18:05 (25 minutes)

Primary author: SCHMID, Siegfried

Presenter: SCHMID, Siegfried

Session Classification: Session1 Part 2: Photon Detection

Contribution ID: 9

Type: **not specified**

Report by Photonis/Burle

Monday, 4 April 2011 18:30 (25 minutes)

Primary author: SCHYNS, Emile

Presenter: SCHYNS, Emile

Session Classification: Session1 Part 2: Photon Detection

Contribution ID: **10**

Type: **not specified**

Report by Photek: Recent Experiments and Modelling of Diamond Dynode Photomultipliers

Monday, 4 April 2011 18:55 (25 minutes)

Primary author: HOWORTH, John

Presenter: HOWORTH, John

Session Classification: Session1 Part 2: Photon Detection

Contribution ID: 11

Type: **not specified**

Report by Philips: Optimization of the digital Silicon Photomultiplier for Cherenkov light detection

Monday, 4 April 2011 15:40 (25 minutes)

Primary author: FRACH, Thomas (Philips Aachen)

Presenter: FRACH, Thomas (Philips Aachen)

Session Classification: Session1 Part 1: Photon Detection

Contribution ID: 12

Type: **not specified**

Microchannel Plate PMT Lifetime and Performance Studies

Monday, 4 April 2011 16:50 (25 minutes)

Primary author: BRANDT, Andrew

Presenter: BRANDT, Andrew

Session Classification: Session1 Part 2: Photon Detection

Contribution ID: 13

Type: **not specified**

SiPMs for HEP Detectors

Monday, 4 April 2011 14:10 (40 minutes)

Primary author: GARUTTI, Erika

Presenter: GARUTTI, Erika

Session Classification: Session1 Part 1: Photon Detection

Contribution ID: 15

Type: **not specified**

Review of barrel DIRC detectors: From BaBar to Panda and Super-B

Tuesday, 5 April 2011 10:00 (40 minutes)

Primary author: SCHWIENING, Jochen

Presenter: SCHWIENING, Jochen

Session Classification: Session 2: DIRC Detectors

Contribution ID: 16

Type: **not specified**

Development of the TOP counter for the Belle II experiment

Tuesday, 5 April 2011 11:05 (40 minutes)

Primary author: SUZUKI, Kazuhito

Presenter: SUZUKI, Kazuhito

Session Classification: Session 2: DIRC Detectors

Contribution ID: 17

Type: **not specified**

R & D status for the LHCb TORCH project

Tuesday, 5 April 2011 11:45 (40 minutes)

Primary author: GYS, Thierry

Presenter: GYS, Thierry

Session Classification: Session 2: DIRC Detectors

Contribution ID: **18**

Type: **not specified**

The Panda Barrel DIRC

Tuesday, 5 April 2011 14:00 (40 minutes)

Primary author: SCHWARZ, Carsten

Presenter: SCHWARZ, Carsten

Session Classification: Session 3 Part 1: DIRC Detectors

Contribution ID: **19**

Type: **not specified**

The Panda 3D Disc DIRC

Tuesday, 5 April 2011 14:40 (40 minutes)

Primary author: Prof. DÜREN, Michael

Presenter: Prof. DÜREN, Michael

Session Classification: Session 3 Part 1: DIRC Detectors

Contribution ID: **20**

Type: **not specified**

The WASA FL Disc DIRC

Tuesday, 5 April 2011 15:20 (30 minutes)

Primary author: FÖHL, Klaus

Presenter: FÖHL, Klaus

Session Classification: Session 3 Part 1: DIRC Detectors

Contribution ID: 23

Type: **not specified**

Prototyping the WASA DIRC

Tuesday, 5 April 2011 16:10 (30 minutes)

Primary author: SCHMIDT, Adrian

Presenter: SCHMIDT, Adrian

Session Classification: Session 3 Part 2: DIRC Detectors

Contribution ID: 24

Type: **not specified**

The GasToF for CMS and ATLAS forward protons

Tuesday, 5 April 2011 16:40 (30 minutes)

Primary author: PIOTRZKOWSKI, Krzysztof

Presenter: PIOTRZKOWSKI, Krzysztof

Session Classification: Session 3 Part 2: DIRC Detectors

Contribution ID: 25

Type: **not specified**

Discussion

Tuesday, 5 April 2011 17:40 (50 minutes)

Session Classification: Session 3 Part 2: DIRC Detectors

Contribution ID: 26

Type: **not specified**

Simulation and reconstruction of the Panda 3D Disc DIRC

Wednesday, 6 April 2011 09:20 (30 minutes)

Primary author: MERLE, Oliver

Presenter: MERLE, Oliver

Session Classification: Session 4 DIRC Issues: Reconstruction, Readout, Electronics, DAQ

Contribution ID: 27

Type: **not specified**

— **further talks to be defined** —

Contribution ID: 28

Type: **not specified**

Planning session for the PANDA DIRCs – Progress of the Technical Design Report – Test beam planning

Wednesday, 6 April 2011 11:40 (50 minutes)

Session Classification: Session 5 Planning session for the PANDA DIRCs

Contribution ID: 29

Type: **not specified**

Timing and low temperature properties of SIPMs

Monday, 4 April 2011 14:50 (25 minutes)

Primary author: COLLAZUOL, Gianmaria

Presenter: COLLAZUOL, Gianmaria

Session Classification: Session1 Part 1: Photon Detection

Contribution ID: **30**

Type: **not specified**

Lifetime-Issues of MCP-PMTs

Monday, 4 April 2011 16:25 (25 minutes)

Primary author: SUZUKI, Kazuhito

Presenter: SUZUKI, Kazuhito

Session Classification: Session1 Part 2: Photon Detection

Contribution ID: **31**

Type: **not specified**

Lifetime-Issues of MCP-PMTs

Monday, 4 April 2011 17:15 (25 minutes)

Primary author: BRITING, Alexander

Presenter: BRITING, Alexander

Session Classification: Session1 Part 2: Photon Detection

Contribution ID: **32**

Type: **not specified**

The ATLAS forward proton project

Tuesday, 5 April 2011 17:10 (30 minutes)

Primary author: BRANDT, Andrew

Presenter: BRANDT, Andrew

Session Classification: Session 3 Part 2: DIRC Detectors

Contribution ID: 33

Type: **not specified**

Mechanical design of the WASA DIRC

Wednesday, 6 April 2011 09:50 (30 minutes)

Primary author: DOROSHKEVICH, Evgueny

Presenter: DOROSHKEVICH, Evgueny

Session Classification: Session 4 DIRC Issues: Reconstruction, Readout, Electronics, DAQ

Contribution ID: 34

Type: **not specified**

Readout of the PANDA Barrel DIRC

Primary author: SCHWARZ, Carsten

Presenter: SCHWARZ, Carsten

Contribution ID: 35

Type: **not specified**

Simulation and reconstruction of the Panda Barrel DIRC

Wednesday, 6 April 2011 09:00 (20 minutes)

Primary author: PATSYUK, Maria

Presenter: PATSYUK, Maria

Session Classification: Session 4 DIRC Issues: Reconstruction, Readout, Electronics, DAQ

Contribution ID: **36**

Type: **not specified**

Results from recent DIRC test beam campaigns

Wednesday, 6 April 2011 10:50 (30 minutes)

Primary author: KOCH, Peter

Presenter: KOCH, Peter

Session Classification: Session 4 DIRC Issues: Reconstruction, Readout, Electronics, DAQ

Contribution ID: 37

Type: **not specified**

A readout and DAQ board for precise time measurements

Wednesday, 6 April 2011 11:20 (20 minutes)

Primary author: TRAXLER, Michael (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

Presenter: TRAXLER, Michael (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

Session Classification: Session 4 DIRC Issues: Reconstruction, Readout, Electronics, DAQ

Contribution ID: **38**

Type: **not specified**

Position sensitive SiPM Detectors for Cherenkov applications

Monday, 4 April 2011 15:15 (25 minutes)

Primary author: GRUBER, Lukas

Presenter: GRUBER, Lukas

Session Classification: Session1 Part 1: Photon Detection

Contribution ID: 39

Type: **not specified**

Photocathode aging in MCP-PMTs

Monday, 4 April 2011 17:40 (25 minutes)

Primary author: BARNYAKOV, Mikhail

Presenter: BARNYAKOV, Mikhail

Session Classification: Session1 Part 2: Photon Detection