

Workshop on timing detectors

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Thursday 8 March 2007 09:00 (15 minutes)

Authors: ROYON, Christophe Royon; LE DU, Patrick

Presenters: ROYON, Christophe Royon; LE DU, Patrick

Session Classification: Timing detector session I

Contribution ID: 1

Type: **not specified**

Overview of ultra fast time of flight

Thursday 8 March 2007 09:15 (30 minutes)

Author: FRISCH, Henry

Presenter: FRISCH, Henry

Session Classification: Timing detector session I

Contribution ID: 2

Type: **not specified**

MCP development and technology (Burle/Photonis)

Thursday 8 March 2007 09:45 (30 minutes)

Author: LAVOUTE, Pascal

Presenter: LAVOUTE, Pascal

Session Classification: Timing detector session I

Contribution ID: 3

Type: **not specified**

MCP development and technology (Hamamatsu)

Thursday 8 March 2007 10:15 (30 minutes)

Author: VOGEL, Wolfgang

Presenter: VOGEL, Wolfgang

Session Classification: Timing detector session I

Contribution ID: 4

Type: **not specified**

ANL test stand and tests performed at FNAL

Thursday 8 March 2007 11:15 (30 minutes)

Author: BYRUM, Karen

Presenter: BYRUM, Karen

Session Classification: Timing detector session I

Contribution ID: 5

Type: **not specified**

Timing properties of MCP PMTs

Thursday 8 March 2007 11:45 (30 minutes)

Author: INAMI, Kenji

Presenter: INAMI, Kenji

Session Classification: Timing detector session I

Contribution ID: 6

Type: **not specified**

development of a novel type of MCP based on hydrogenated amorphous silicon

Author: JARON, Pierre

Contribution ID: 7

Type: **not specified**

Development of a novel type of MCP based on hydrogenated amorphous silicon

Thursday 8 March 2007 12:15 (30 minutes)

Author: JARON, Pierre

Presenter: JARON, Pierre

Session Classification: Timing detector session I

Contribution ID: 8

Type: **not specified**

Fast electronics for timing detectors

Thursday 8 March 2007 14:00 (30 minutes)

Author: GENAT, Jean-Francois

Presenter: GENAT, Jean-Francois

Session Classification: Timing detector session I

Contribution ID: 9

Type: **not specified**

Electronics development

Thursday 8 March 2007 14:30 (20 minutes)

Author: SANDERS, Harold

Presenter: SANDERS, Harold

Session Classification: Timing detector session I

Contribution ID: **10**

Type: **not specified**

Electronics development

Thursday 8 March 2007 14:50 (20 minutes)

Author: TANG, Fukun

Presenter: TANG, Fukun

Session Classification: Timing detector session I

Contribution ID: 11

Type: **not specified**

Fast analog samplers and timing experience in DAPNIA

Thursday 8 March 2007 15:10 (30 minutes)

Author: DELAGNES, Eric

Presenter: DELAGNES, Eric

Session Classification: Timing detector session I

Contribution ID: **12**

Type: **not specified**

LHC ALICE TOF performance

Thursday 8 March 2007 15:40 (30 minutes)

Author: WILLIAMS, Crispin

Presenter: WILLIAMS, Crispin

Session Classification: Timing detector session I

Contribution ID: 13

Type: **not specified**

Discussion session: Timing detectors / electronics

Thursday 8 March 2007 16:40 (1 hour)

Session Classification: Timing detector session I

Contribution ID: 14

Type: **not specified**

Simulation with GATE

Friday 9 March 2007 09:00 (30 minutes)

Author: BUVAT, Irene

Presenter: BUVAT, Irene

Session Classification: Timing detector session I

Contribution ID: 15

Type: **not specified**

The LITRANI package

Friday 9 March 2007 09:30 (20 minutes)

Author: FRANCOIS-XAVIER GENTIT

Presenter: FRANCOIS-XAVIER GENTIT

Session Classification: Timing detector session I

Contribution ID: **16**

Type: **not specified**

Application in Medical imaging and hadron therapy

Friday 9 March 2007 09:50 (30 minutes)

Author: LE DU, Patrick

Presenter: LE DU, Patrick

Session Classification: Timing detector session I

Contribution ID: 17

Type: **not specified**

PET, TOF PET, SPECT

Friday 9 March 2007 10:20 (30 minutes)

Author: CHEN, Chin-Tu

Presenter: CHEN, Chin-Tu

Session Classification: Timing detector session I

Contribution ID: **18**

Type: **not specified**

Discussion of timing at 10 and 100 ps for charged particles and photons in PET cameras

Friday 9 March 2007 11:20 (30 minutes)

Author: LEMOIGNE, Yves

Presenter: LEMOIGNE, Yves

Session Classification: Timing detector session I

Contribution ID: **19**

Type: **not specified**

Discussion session: Simulation, medical applications

Friday 9 March 2007 11:50 (1 hour)

Session Classification: Timing detector session I

Contribution ID: **20**

Type: **not specified**

220 m pots in ATLAS

Friday 9 March 2007 14:00 (20 minutes)

Author: ROYON, Christophe

Presenter: ROYON, Christophe

Session Classification: Timing detector session I

Contribution ID: 21

Type: **not specified**

Conceptual design studies of TOF endcap DIRC for PANDA

Friday 9 March 2007 14:20 (30 minutes)

Author: EHRENFRIED, Markus

Presenter: EHRENFRIED, Markus

Session Classification: Timing detector session I

Contribution ID: 22

Type: **not specified**

Picosecond timing for application in Cherenkov detectors

Friday 9 March 2007 14:50 (30 minutes)

Author: HOEK, Matthias

Presenter: HOEK, Matthias

Session Classification: Timing detector session I

Contribution ID: 23

Type: **not specified**

FNAL developments on fast timing

Friday 9 March 2007 15:20 (30 minutes)

Author: HOGAN, Nguyen

Presenter: HOGAN, Nguyen

Session Classification: Timing detector session I

Contribution ID: 24

Type: **not specified**

Discussion about next steps

Friday 9 March 2007 15:50 (1h 10m)

Session Classification: Timing detector session I