

Session Program

8-9 Mar 2007

Workshop on timing detectors

Timing detector session I

Saclay

Thursday 8 March

09:00

Timing detector session I

Session | **Location:** Saclay, Saclay, amphi Bloch

09:00–09:15

Welcome

Speakers

Christophe Royon Royon, Patrick Le Du

09:15–09:45

Overview of ultra fast time of flight

Speaker

Henry Frisch

09:45–10:15

MCP development and technology (Burle/Photonis)

Speaker

Pascal Lavoute

10:15–10:45

MCP development and technology (Hamamatsu)

Speaker

Wolfgang Vogel

10:45–11:15

Coffee break

11:15–11:45

ANL test stand and tests performed at FNAL

Speaker

Karen Byrum

11:45–12:15

Timing properties of MCP PMTs

Speaker

Kenji Inami

12:15–12:45

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

Speaker

Pierre Jaron

12:45–14:00

Lunch at La Rotonde (Saclay)

14:00

14:00

Timing detector session I: Timing detector session II (electronics)

Session | **Location:** Saclay, Saclay, amphi Bloch

14:00–14:30

Fast electronics for timing detectors

Speaker

Jean-Francois Genat

14:30–14:50

Electronics development

Speaker

Harold Sanders

18:00

14:50-15:10

Electronics development**Speaker**

Fukun Tang

15:10-15:40

Fast analog samplers and timing experience in DAPNIA**Speaker**

Eric Delagnes

15:40-16:10

LHC ALICE TOF performance**Speaker**

Crispin Williams

16:10-16:40

Coffee break

16:40-17:40

Discussion session: Timing detectors / electronics

Friday 9 March

09:00

Timing detector session I: Simulation and medical application session

Session | **Location:** Saclay, Saclay, amphi Bloch

09:00–09:30

Simulation with GATE

Speaker

Irene Buvat

09:30–09:50

The LITRANI package

Speaker

Francois-Xavier Gentit

09:50–10:20

Application in Medical imaging and hadron therapy

Speaker

Patrick Le Du

10:20–10:50

PET, TOF PET, SPECT

Speaker

Chin-Tu Chen

10:50–11:20

Coffee break

11:20–11:50

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

Speaker

Yves Lemoigne

11:50–12:50

Discussion session: Simulation, medical applications

12:50–14:00

Lunch at La Rotonde (Saclay)

14:00

14:00

Timing detector session I: Particle physics application session

Session | **Location:** Saclay, Saclay, amphi Bloch

14:00–14:20

220 m pots in ATLAS

Speaker

Christophe Royon

14:20–14:50

Conceptual design studies of TOF endcap DIRC for PANDA

Speaker

Markus Ehrenfried

14:50–15:20

Picosecond timing for application in Cherenkov detectors

Speaker

Matthias Hoek

18:00	15:20-15:50 FNAL developments on fast timing Speaker Nguyen Hogan
	15:50-17:00 Discussion about next steps