

**Workshop on Timing  
Detectors: from particle  
physics to medical  
applications**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome

*Wednesday 15 October 2008 09:00 (15 minutes)*

Contribution ID: 1

Type: **not specified**

## **Fast timing and TOF in physics**

*Wednesday 15 October 2008 09:15 (30 minutes)*

**Presenter:** FRISCH, Henry

**Session Classification:** Fast timing and TOF session

Contribution ID: 2

Type: **not specified**

## **Fast timing and TOF in PET medical imaging**

*Wednesday 15 October 2008 09:45 (30 minutes)*

**Presenter:** MOSES, Bill

**Session Classification:** Fast timing and TOF session

Contribution ID: 3

Type: **not specified**

## Discussion

*Wednesday 15 October 2008 10:15 (15 minutes)*

**Session Classification:** Fast timing and TOF session

Contribution ID: 4

Type: **not specified**

## **Pixellated Picosecond Detectors (Photek)**

*Wednesday 15 October 2008 11:00 (30 minutes)*

**Presenter:** HOWORTH, Jon

**Session Classification:** News from photodetectors

Contribution ID: 5

Type: **not specified**

## News from Photonis

*Wednesday 15 October 2008 11:30 (30 minutes)*

**Presenter:** SCHYNS, Emile

**Session Classification:** News from photodetectors

Contribution ID: 6

Type: **not specified**

## **Hamamatsu MCP update**

*Wednesday 15 October 2008 12:00 (30 minutes)*

**Session Classification:** News from photodetectors



Contribution ID: 7

Type: **not specified**

## **10ps Timing with the BLAB series ASICs**

*Wednesday 15 October 2008 14:30 (30 minutes)*

**Presenter:** VARNER, Gary

**Session Classification:** Electronics and read-out (I)

Contribution ID: 8

Type: **not specified**

## **First results from the DRS4 fast sampling chip**

*Wednesday 15 October 2008 15:00 (30 minutes)*

**Presenter:** RITT, Stefan (PSI)

**Session Classification:** Electronics and read-out (I)

Contribution ID: 9

Type: **not specified**

## **First results from the CERN TDC chip**

*Wednesday 15 October 2008 15:30 (30 minutes)*

**Presenter:** MESTER, Christian

**Session Classification:** Electronics and read-out (I)

Contribution ID: **10**

Type: **not specified**

## **Update of the SAM chip performances measured on a USB powered board**

*Wednesday 15 October 2008 14:00 (30 minutes)*

**Presenter:** ERIC DELAGNES / DOMINIQUE BRETON

**Session Classification:** Electronics and read-out (I)

Contribution ID: 11

Type: **not specified**

## **Picosecond timing using microchannel plates**

*Wednesday 15 October 2008 16:30 (30 minutes)*

**Presenter:** GENAT, Jean-Francois

**Session Classification:** Electronics and read-out (II)

Contribution ID: 12

Type: **not specified**

## **Filter transmission line read out of MCP**

*Wednesday 15 October 2008 17:00 (30 minutes)*

**Presenter:** TANG, Fukun

**Session Classification:** Electronics and read-out (II)

Contribution ID: 14

Type: **not specified**

## Electronics simulation

*Wednesday 15 October 2008 17:30 (30 minutes)*

**Presenter:** SALEK, David

**Session Classification:** Electronics and read-out (II)

Contribution ID: 15

Type: **not specified**

## Discussion

*Wednesday 15 October 2008 18:00 (30 minutes)*

**Session Classification:** Electronics and read-out (II)



Contribution ID: 16

Type: **not specified**

## **Progress on the development of TOF concept using MCP-PMT detectors at SLAC**

*Thursday 16 October 2008 09:00 (30 minutes)*

**Presenter:** VA'VRA, Jerry

**Session Classification:** Test results and readout (I)

Contribution ID: 17

Type: **not specified**

## **FNAL Test beam and Future MCP developments at ANL**

*Thursday 16 October 2008 10:00 (30 minutes)*

**Presenter:** KAREN BYRUN / GARY DRAKE

**Session Classification:** Test results and readout (I)

Contribution ID: **18**

Type: **not specified**

## **Results from the CERN test beam**

*Thursday 16 October 2008 11:00 (30 minutes)*

**Presenter:** BRANDT, Andrew

**Session Classification:** Test results and readout (II)

Contribution ID: **19**

Type: **not specified**

## **Gastof and picosecond resolution ToF detectors at the LHC**

*Thursday 16 October 2008 11:30 (30 minutes)*

**Presenter:** PIOTRZKOWSKI, Krzysztof

**Session Classification:** Test results and readout (II)

Contribution ID: **20**

Type: **not specified**

## **The ATLAS Forward Physics project**

*Thursday 16 October 2008 13:30 (30 minutes)*

**Presenter:** ROYON, Christophe

**Session Classification:** Applications in Physics and medicine (I)

Contribution ID: 21

Type: **not specified**

## **Use of fast timing for positron beam**

*Thursday 16 October 2008 14:00 (30 minutes)*

**Presenter:** NEDELEC, Patrick

**Session Classification:** Applications in Physics and medicine (I)

Contribution ID: 27

Type: **not specified**

## **Front electronics read out for MCP - ABC**

*Thursday 16 October 2008 16:20 (30 minutes)*

**Presenter:** JULIEN LOLLIEROU / YVES LEMOIGNE

**Session Classification:** Applications in Physics and Medicine (II)

Contribution ID: 28

Type: **not specified**

## Conclusion - Final Discussion

*Thursday 16 October 2008 16:50 (30 minutes)*



Contribution ID: 29

Type: **not specified**

## **Tests of MCP-PMT for the TOP counter**

*Thursday 16 October 2008 09:30 (30 minutes)*

**Presenter:** INAMI, Kenji

**Session Classification:** Test results and readout (I)

Contribution ID: **30**

Type: **not specified**

## **GASTOF: C++ simulation and comparison with TB data**

*Thursday 16 October 2008 12:00 (30 minutes)*

**Presenter:** SCHUL, Nicolas

**Session Classification:** Test results and readout (II)

Contribution ID: 31

Type: **not specified**

## **Chicago PET Development and Recent Progress in Digital TOFPET**

*Thursday 16 October 2008 14:30 (30 minutes)*

**Presenter:** CHEN, Chin-Tu

**Session Classification:** Applications in Physics and medicine (I)

Contribution ID: 32

Type: **not specified**

## **Timing resolution of scintillation detectors: A Monte Carlo analysis**

*Thursday 16 October 2008 15:00 (30 minutes)*

**Presenter:** CHOONG, Woon-Seng

**Session Classification:** Applications in Physics and medicine (I)

Contribution ID: **33**

Type: **not specified**

## **INNOTEP project**

*Thursday 16 October 2008 15:50 (30 minutes)*

**Presenter:** MONTAROU, Gerard

**Session Classification:** Applications in Physics and Medicine (II)