

LCTPC collaboration meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

TPC Large Prototype facility

Monday, 21 September 2009 09:00 (20 minutes)

Presenter: DEHMELT, Klaus (DESY)

Session Classification: Review LP1 beam tests in 2008-2009

Contribution ID: 1

Type: **not specified**

MicroMEGAS + T2K electronics

Monday, 21 September 2009 10:30 (20 minutes)

Presenter: ATTIE, David (Saclay)

Session Classification: Review LP1 beam tests in 2008-2009

Contribution ID: 2

Type: **not specified**

Asian GEM + Altro electronics (3,000 ch)

Monday, 21 September 2009 09:40 (30 minutes)

Presenters: SUGIYAMA, Akira (Saga); JONSSON, Leif (Lund)

Session Classification: Review LP1 beam tests in 2008-2009

Contribution ID: 3

Type: **not specified**

GEM + Timepix

Monday, 21 September 2009 10:10 (20 minutes)

Presenter: KLÖCKNER, Frederik (Bonn)

Session Classification: Review LP1 beam tests in 2008-2009

Contribution ID: 4

Type: **not specified**

Data-driven readout electronics for ILC TPC

Monday, 21 September 2009 10:50 (20 minutes)

Presenter: KAUKHER, Alexander (Rostock)

Session Classification: Review LP1 beam tests in 2008-2009

Contribution ID: 5

Type: **not specified**

Test of the laser pattern

Monday, 21 September 2009 09:20 (20 minutes)

Presenter: CONLEY, Patrick (Victoria)

Session Classification: Review LP1 beam tests in 2008-2009

Contribution ID: 6

Type: **not specified**

Discussion: module design and parameters

Monday, 21 September 2009 11:30 (1h 30m)

- 1) Critical review (by Dean Karlen)
- 2) Discussions

Session Classification: Review LP1 beam tests in 2008-2009

Contribution ID: 7

Type: **not specified**

7 MicroMEGAS modules with new T2K electronics

Monday, 21 September 2009 14:00 (20 minutes)

Presenter: COLAS, Paul (Saclay)

Session Classification: Plans of beam test in 2009-2010

Contribution ID: 8

Type: **not specified**

4 Asian GEM modules with GEM gating readout (10,000ch Altro electronics)

Monday, 21 September 2009 14:20 (20 minutes)

Presenters: SUGIYAMA, Akira (Saga); JONSSON, Leif (Lund)

Session Classification: Plans of beam test in 2009-2010

Contribution ID: 9

Type: **not specified**

GEM + Timepix module and Bonn GEM-Altro module

Monday, 21 September 2009 14:40 (20 minutes)

Presenter: KAMINSKI, Jochen (Bonn)

Session Classification: Plans of beam test in 2009-2010

Contribution ID: **10**

Type: **not specified**

MicroMEGAS (Ingrid) + Timepix modules

Monday, 21 September 2009 15:00 (20 minutes)

Presenter: ATTIE, David (Saclay)

Session Classification: Plans of beam test in 2009-2010

Contribution ID: **11**

Type: **not specified**

New GEM modules (DESY)

Monday, 21 September 2009 15:20 (20 minutes)

Presenter: CAIAZZA, Stefano (DESY)

Session Classification: Plans of beam test in 2009-2010

Contribution ID: **12**

Type: **not specified**

Silicon envelope

Monday, 21 September 2009 15:40 (20 minutes)

Presenter: HAENSEL, Stephan (Vienna)

Session Classification: Plans of beam test in 2009-2010

Contribution ID: **13**

Type: **not specified**

Software preparations for the beam tests

Monday, 21 September 2009 16:20 (1 hour)

Critical review (external review) by Peter (20min)

Issues of simulation, reconstruction software: Marlin TPC by Keisuke (20min)

Current status and immediate future plan by Martin (20min)

Presenters: ROSEMANN, Christoph (DESY); FUJII, Keisuke (KEK); KILLENBERG, Martin (Bonn); WIENEMANN, Peter (Bonn)

Session Classification: Plans of beam test in 2009-2010

Contribution ID: **14**

Type: **not specified**

Discussions: goals and issues of the beam tests in 2010

Monday, 21 September 2009 17:20 (40 minutes)

- 1) Summary and schedule
- 2) Discussion

Session Classification: Plans of beam test in 2009-2010

Contribution ID: 15

Type: **not specified**

Performance and issues of LC (ILD) TPC

Tuesday, 22 September 2009 08:30 (20 minutes)

Presenter: BEHNKE, Ties (DESY)

Session Classification: LC (ILD) TPC: Issues and Engineering R&D in 2010-2013

Contribution ID: 16

Type: **not specified**

Engineering design and issues of LC (ILD) TPC: 1) Overall mechanical structure

Tuesday, 22 September 2009 08:50 (20 minutes)

Presenters: CARTY, Michael (Saclay); VOLKENBORN, Robert (DESY)

Session Classification: LC (ILD) TPC: Issues and Engineering R&D in 2010-2013

Contribution ID: 17

Type: **not specified**

2) Field cage and HV system

Tuesday, 22 September 2009 09:10 (20 minutes)

Presenter: SCHADE, Peter (DESY)

Session Classification: LC (ILD) TPC: Issues and Engineering R&D in 2010-2013

Contribution ID: **18**

Type: **not specified**

3) Gating device

Tuesday, 22 September 2009 09:30 (20 minutes)

Presenter: SUGIYAMA, Akira (Saga)

Session Classification: LC (ILD) TPC: Issues and Engineering R&D in 2010-2013

Contribution ID: **19**

Type: **not specified**

4) Alignment and calibration

Tuesday, 22 September 2009 09:50 (20 minutes)

Presenter: SETTLES, Ron

Session Classification: LC (ILD) TPC: Issues and Engineering R&D in 2010-2013

Contribution ID: **20**

Type: **not specified**

Discussions

Tuesday, 22 September 2009 10:10 (20 minutes)

Session Classification: LC (ILD) TPC: Issues and Engineering R&D in 2010-2013

Contribution ID: 21

Type: **not specified**

Activities for the Advanced TPC Endplate: 1) Advanced design (incl. size) of endplate and module

Tuesday, 22 September 2009 10:45 (20 minutes)

Presenter: PETERSON, Dan (Cornell)

Session Classification: LC (ILD) TPC: Issues and Engineering R&D in 2010-2013

Contribution ID: 22

Type: **not specified**

2) Pad readout electronics: SALTRO

Tuesday, 22 September 2009 11:05 (1 hour)

Review SALTRO design by Antoine (20min)

Overview SALTRO prototype tests by Magnus (20min)

Tests of power delivery, power swicthing and coolin by Takahiro Fusayasu (20min)

Presenters: JUNIQUE, Antoine (CERN); MAGER, Magnus (CERN); FUSAYASU, Takahiro (NiAS (Nagasaki))

Session Classification: LC (ILD) TPC: Issues and Engineering R&D in 2010-2013

Contribution ID: 25

Type: **not specified**

3) CO₂ cooling of an endplate with Timepix readout (prov. title)

Tuesday, 22 September 2009 12:05 (20 minutes)

Presenter: VERLAAT, Bart (Nikhef)

Session Classification: LC (ILD) TPC: Issues and Engineering R&D in 2010-2013

Contribution ID: 26

Type: **not specified**

Discussions

Tuesday, 22 September 2009 12:25 (20 minutes)

Session Classification: LC (ILD) TPC: Issues and Engineering R&D in 2010-2013

Contribution ID: **28**

Type: **not specified**

Urgent needs of simulation (background, ion disks, etc.)

Tuesday, 22 September 2009 13:45 (20 minutes)

Issue of ion disks (by Thorsten Krauscheid)

Session Classification: LC (ILD) TPC: Software issues in 2010-2013

Contribution ID: 29

Type: **not specified**

Discussions (incl. eventual overflow discussions of yesterday's software preps)

Tuesday, 22 September 2009 14:05 (40 minutes)

Session Classification: LC (ILD) TPC: Software issues in 2010-2013