

# **LCTPC Collaboration Meeting**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome

*Friday, 31 May 2013 14:30 (20 minutes)*

**Presenter:** KAMINSKI, Jochen (Physikalisches Institut-Universitaet Bonn)

**Session Classification:** Miscellaneous

Contribution ID: 1

Type: **not specified**

## **Status of test beam area T24/1**

*Friday, 31 May 2013 15:00 (20 minutes)*

**Presenter:** DIENER, Ralf (DESY)

**Session Classification:** Miscellaneous

Contribution ID: 2

Type: **not specified**

## Building a new field cage

*Friday, 31 May 2013 15:20 (20 minutes)*

**Presenters:** PRAHL, Volker (Deutsches Elektronen-Synchrotron (DESY)); PRAHL, Volker (Desy)

**Session Classification:** Miscellaneous

Contribution ID: 3

Type: **not specified**

## **Measurements with laser illumination of Cathode at T2K (via Fuzebox)**

*Friday, 31 May 2013 16:50 (30 minutes)*

**Presenter:** BOJECJKO, Casey

**Session Classification:** Miscellaneous

Contribution ID: 4

Type: **not specified**

## Status of high field magnets

*Friday, 31 May 2013 15:40 (20 minutes)*

**Presenters:** BEHNKE, Ties (DESY); Dr BEHNKE, Ties (DESY)

**Session Classification:** Miscellaneous

Contribution ID: 5

Type: **not specified**

## **Laser system at STAR and ALICE (via Fuzebox)**

*Friday, 31 May 2013 16:00 (30 minutes)*

**Presenter:** LEBEDEV, Alexei

**Session Classification:** Miscellaneous

Contribution ID: 6

Type: **not specified**

## **News on MM analysis from last test beam**

*Friday, 31 May 2013 17:20 (20 minutes)*

**Presenters:** COLAS, Paul (CEA/Irfu Saclay); COLAS, Paul (DAPNIA - Centre d'Etudes de Saclay (CEN Saclay))

**Session Classification:** Miscellaneous

Contribution ID: 7

Type: **not specified**

## Simulations of field distortions because of IBF

*Saturday, 1 June 2013 09:00 (15 minutes)*

**Presenter:** KRAUTSCHEID, Thorsten

**Session Classification:** Gating and module design including minimization of local field inhomogeneities

Contribution ID: **8**

Type: **not specified**

## Measurements of IBF with MM

*Saturday, 1 June 2013 09:15 (15 minutes)*

**Presenters:** COLAS, Paul (CEA/Irfu Saclay); COLAS, Paul (DAPNIA - Centre d'Etudes de Saclay (CEN Saclay))

**Session Classification:** Gating and module design including minimization of local field inhomogeneities

Contribution ID: 9

Type: **not specified**

## First summary of a module with a gate

*Saturday, 1 June 2013 09:30 (15 minutes)*

**Presenters:** GROS, Philippe (Lund University (SE)); Mr GROS, Philippe (Saga University)

**Session Classification:** Gating and module design including minimization of local field in-homogeneities

Contribution ID: **10**

Type: **not specified**

## Simulations of local field distortion on module edges

*Saturday, 1 June 2013 09:45 (15 minutes)*

**Presenter:** ZENKER, Klaus (DESY)

**Session Classification:** Gating and module design including minimization of local field inhomogeneities

Contribution ID: 11

Type: **not specified**

## **Discussion on the design of modules to include gating and minimize local field distortions**

*Saturday, 1 June 2013 10:15 (45 minutes)*

**Session Classification:** Gating and module design including minimization of local inhomogeneities

Contribution ID: 12

Type: **not specified**

## **Summary of external field distortions corrections in MarlinTPC (via Fuzebox)**

*Saturday, 1 June 2013 11:30 (15 minutes)*

**Presenters:** LI, Bo (Tsinghua University (CN)); LI, Bo (Shandong University)

**Session Classification:** Distortion correction / external tracker

Contribution ID: 13

Type: **not specified**

## **External tracking device Simulation and Hardware)**

*Saturday, 1 June 2013 11:45 (30 minutes)*

**Presenter:** Mr MÜLLER, Felix (Desy)

**Session Classification:** Distortion correction / external tracker

Contribution ID: 14

Type: **not specified**

## **Discussion on global field distortions of E- and B-fields and their corrections - In particular, what is needed to understand**

*Saturday, 1 June 2013 12:15 (45 minutes)*

**Session Classification:** Distortion correction / external tracker

Contribution ID: 15

Type: **not specified**

## **Prediction of single hit spatial resolution (via Fuzebox)**

*Saturday, 1 June 2013 14:00 (30 minutes)*

**Presenter:** Mr YONAMINE, Ryo (Sokendai)

**Session Classification:** 2 track/hit resolution

Contribution ID: **16**

Type: **not specified**

## **What needs to be done analysis and software**

*Saturday, 1 June 2013 14:30 (30 minutes)*

**Presenter:** BELLERIVE, Alain (Carleton University (CA))

**Session Classification:** 2 track/hit resolution

Contribution ID: 17

Type: **not specified**

## **Discussion on software development and if/what further measurements are needed**

*Saturday, 1 June 2013 15:00 (30 minutes)*

**Session Classification:** 2 track/hit resolution

Contribution ID: **18**

Type: **not specified**

## **SALTRO-16**

*Saturday, 1 June 2013 16:00 (20 minutes)*

**Presenter:** Prof. JONSSON, leif (phys. dept., lund univ.)

**Session Classification:** Electronics

Contribution ID: 19

Type: **not specified**

## GdSP

*Saturday, 1 June 2013 16:20 (20 minutes)*

**Presenters:** COLAS, Paul (CEA/Irfu Saclay); COLAS, Paul (DAPNIA - Centre d'Etudes de Saclay (CEN Saclay))

**Session Classification:** Electronics

Contribution ID: **20**

Type: **not specified**

## Discussion on electronics

*Saturday, 1 June 2013 16:45 (20 minutes)*

**Session Classification:** Electronics

Contribution ID: 21

Type: **not specified**

## **Status of Analysis and software concerning local field distortions**

*Saturday, 1 June 2013 10:00 (15 minutes)*

**Presenters:** Dr MUENNICH, Astrid (CERN); MUENNICH, Astrid (CERN)

**Session Classification:** Gating and module design including minimization of local field inhomogeneities

Contribution ID: 22

Type: **not specified**

## New collaborators from Kyiv (via Skype)

*Friday, 31 May 2013 17:40 (10 minutes)*

**Presenter:** BEZSHYYKO, Oleg

**Session Classification:** Miscellaneous

Contribution ID: 23

Type: **not specified**

## Timepix-3

*Friday, 31 May 2013 14:50 (10 minutes)*

**Presenter:** LINSSEN, Lucie (CERN)

**Session Classification:** Miscellaneous

Contribution ID: 24

Type: **not specified**

## Laser tests

*Saturday, 1 June 2013 11:00 (5 minutes)*

**Session Classification:** Gating and module design including minimization of local field inhomogeneities

Contribution ID: 25

Type: **not specified**

## ILD schedule

*Saturday, 1 June 2013 16:40 (5 minutes)*

**Presenter:** MATSUDA, Takeshi

**Session Classification:** Electronics