

**TPC Analysis jamboree**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Basics of gas gain fluctuations

*Tuesday 12 May 2009 09:00 (45 minutes)*

**Presenter:** KEISUKE FUJII (KEK)

**Session Classification:** Gas gain fluctuations

Contribution ID: 1

Type: **not specified**

# MC simulation of gas gain fluctuations

*Tuesday 12 May 2009 09:45 (1 hour)*

**Presenter:** HEINRICH SCHINDLER (CERN)

**Session Classification:** Gas gain fluctuations

Contribution ID: 2

Type: **not specified**

## Measurement of gain fluctuations

*Tuesday 12 May 2009 10:45 (1 hour)*

**Presenter:** MAX CHEFDEVILLE

**Session Classification:** Gas gain fluctuations

Contribution ID: 3

Type: **not specified**

## **ALICE TPC status**

*Monday 11 May 2009 14:00 (45 minutes)*

**Presenter:** S. ROSSEGGER / J. WIECHULA

**Session Classification:** TPCs

Contribution ID: 4

Type: **not specified**

## **T2K, particle identification**

*Monday 11 May 2009 14:45 (45 minutes)*

**Presenter:** C. GIGANTI

**Session Classification:** TPCs

Contribution ID: 5

Type: **not specified**

## High-rate TPC for PANDA

*Monday 11 May 2009 15:30 (45 minutes)*

**Presenter:** M. VANDENBROUCKE

**Session Classification:** TPCs

Contribution ID: 6

Type: **not specified**

## TPC for ILC

*Monday 11 May 2009 16:15 (45 minutes)*

**Presenter:** P. COLAS

**Session Classification:** TPCs



Contribution ID: 7

Type: **not specified**

## **GEM TPC Large Prototype beam tests**

*Monday 11 May 2009 17:00 (45 minutes)*

**Presenter:** R. YONAMINE

**Session Classification:** TPCs

Contribution ID: 8

Type: **not specified**

## **Data analysis of measurements with a GridPix detector**

*Tuesday 12 May 2009 14:00 (45 minutes)*

**Presenter:** L. DE NOOIJ

**Session Classification:** Gas properties, resolution

Contribution ID: 9

Type: **not specified**

## **A study with a small prototype TPC**

*Tuesday 12 May 2009 14:45 (45 minutes)*

**Presenter:** R. YONAMINE

**Session Classification:** Gas properties, resolution

Contribution ID: **10**

Type: **not specified**

## **TPC reconstruction methods for the ILC**

*Tuesday 12 May 2009 15:30 (45 minutes)*

**Presenter:** M. KILLENBERG

**Session Classification:** Gas properties, resolution

Contribution ID: 11

Type: **not specified**

## Conclusions

*Thursday 14 May 2009 14:00 (2 hours)*

**Presenter:** JAN TIMMERMANS

Contribution ID: 12

Type: **not specified**

## **Analytical solution of the Laplace equ. for a coaxial cavity**

*Wednesday 13 May 2009 09:00 (40 minutes)*

**Presenter:** S. ROSSEGER

**Session Classification:** Ion feedback and space charge

Contribution ID: 13

Type: **not specified**

## Space charge scenarios for the ALICE TPC

*Wednesday 13 May 2009 09:40 (40 minutes)*

**Presenter:** S. ROSSEGGER

**Session Classification:** Ion feedback and space charge

Contribution ID: 14

Type: **not specified**

## The PANDA TPC software framework

*Wednesday 13 May 2009 10:20 (40 minutes)*

**Presenter:** F. BÖHMER

**Session Classification:** Ion feedback and space charge



Contribution ID: 15

Type: **not specified**

## **The PANDA TPC software framework - Reconstruction & Results**

*Wednesday 13 May 2009 11:00 (40 minutes)*

**Presenter:** F. BÖHMER

**Session Classification:** Ion feedback and space charge

Contribution ID: 16

Type: **not specified**

## Ion Backdrift in an ILC TPC

*Wednesday 13 May 2009 11:40 (40 minutes)*

**Presenter:** M. KILLENBERG / T. KRAUTSCHEID

**Session Classification:** Ion feedback and space charge

Contribution ID: 17

Type: **not specified**

## **Distortion measurements from analysis of patterned cathode photoelectrons**

*Thursday 14 May 2009 09:00 (1 hour)*

**Presenter:** P. CONLEY

**Session Classification:** Distortion measurements and corrections

Contribution ID: **18**

Type: **not specified**

## **Space point distortions due to space charges**

*Thursday 14 May 2009 10:00 (1 hour)*

**Presenter:** S. ROSSEGGER

**Session Classification:** Distortion measurements and corrections

Contribution ID: 19

Type: **not specified**

## **For reference on STAR ion leak: lecture from Huan Zhong Huang at CCAST TPC school, Tsinghua**

*Thursday 14 May 2009 11:00 (1 hour)*

**Session Classification:** Distortion measurements and corrections