

Session Program

8-14 Jun 2011



TIPP 2011 - 2nd International Conference on Technology and Instrumentation in Particle Physics

Gaseous Detectors

Chicago, Sheraton Hotel
301 East Water Street Chicago, IL 60611

Thursday 9 June

14:00

Gaseous Detectors

Session | **Location:** Sheraton Hotel, Erie | **Convener:** Sergio Bertolucci

14:00-14:30

The RD51 Collaboration for the Development of Micro-Pattern Gas Detectors

Speaker

Paul Colas

14:30-14:50

New developments of microbulk Micromegas detectors

Speaker

Mr Francisco Jose Iguaz Gutierrez

14:50-15:10

GEM-MIGAS gain optimisation for high pressure operation in CF₄ and He/CF₄ mixtures

Speaker

Ana Conceição

15:10-15:30

Study of the ageing properties of construction materials for High Rate Gas Detectors

Speaker

Mr Alhussain Abuhoza

15:30

Friday 10 June

14:00

Gaseous Detectors

Session | **Location:** Sheraton Hotel, Ontario | **Convener:** Makoto Kobayashi

14:00-14:30

Development of two-dimensional gaseous detector for energy-selective neutron radiography

Speaker

Shoji Uno

14:30-14:50

Development of gaseous photomultipliers with Micro Pattern Gas Detectors

Speaker

Mr Kohei MATSUMOTO

14:50-15:10

CAST micromegas background in the Canfranc Underground Laboratory

Speaker

Alfredo Tomas Alquezar

15:10-15:30

Design and construction of a cylindrical GEM detector as Inner Tracker device at KLOE-2

Speaker

Gianfranco Morello

15:30

Saturday 11 June

08:30

Gaseous Detectors

Session | **Location:** Sheraton Hotel, Superior B | **Convener:** David Nygren

08:30–08:50

Performance of the ALICE Time Projection Chamber

Speaker

Dr Christian Lippmann

08:50–09:10

Experience with the Time Projection Chambers for the T2K Near Detectors

Speaker

Blair Jamieson

09:10–09:30

Development of Micro tracking TPC using a Micro Gas Pixel Chamber (μ PIC), and Application to time resolved Neutron Imaging Detector

Speaker

Prof. Toru Tanimori

09:30–09:50

Application of Time Projection Chambers with GEMs and Pixels to WIMP Searches and Fast Neutron Detection

Speaker

Dr Jared Yamaoka

09:50–10:10

Rejection of Backgrounds in the DMTPC Dark Matter Search Using Charge Signals

Speaker

Mr Jeremy Lopez

10:10–10:30

The DRIFT Dark Matter Search

Speaker

Prof. Dinesh Loomba

10:30

11:00

Gaseous Detectors

Session | **Location:** Sheraton Hotel, Superior B | **Convener:** Dr Atsuhiko Ochi

11:00–11:20

Commissioning and performance of the ATLAS Transition Radiation Tracker with first high energy pp and Pb-Pb collisions at LHC

Speaker

Jonathan Mark Stahlman

11:20–11:40

NA62 spectrometer: a low mass straw tracker

Speaker

Antonino Sergi

11:40-12:00

Development of large and very thin GRPCs with new resistive coating and new gas distribution scheme**Speakers**

Prof. imad laktineh, Dr laurent mirabito, Dr nick lumb, Mr robert kieffer

12:00-12:20

A novel temperature monitoring sensor for gas-based detectors in large HEP experiments**Speaker**

Dr Michele Caponero

12:20-12:40

Detection and removal of short-circuits on GEM-foils**Speaker**

Mr Matti Kalliokoski

12:40

16:00

Gaseous Detectors**Session** | **Location:** Sheraton Hotel, Huron | **Convener:** Ioanis Giomataris

16:00-16:20

A GEM-TPC prototype detector for PANDA**Speaker**

Mr Rahul Arora

16:20-16:40

Design Challenges for a High-Rate TPC with Micromegas Readout**Speaker**

Prof. Daniel Kaplan

16:40-17:00

Development of a TPC for an ILC Detector**Speaker**

Ralf Diener

17:00-17:20

Single module test of a Micromegas TPC Large Prototype**Speakers**

Paul COLAS, Paul Colas

17:20-17:40

Analysis of data recorded by the GEM-LCTPC**Speaker**

Hans Martin LJUNGGREN

17:40-18:00

Development of Large Scale Gas Electron Multiplier Chambers**Speaker**

Prof. Jaehoon Yu

18:00-18:20

Thin active elements for DHCAL based on THGEMs**Speaker**

Pedro Hugo Ferreira Natal Da Luz

18:20

Monday 13 June

14:00

Gaseous Detectors

Session | **Location:** Sheraton Hotel, Erie | **Convener:** Colas, P.

14:00-14:20

Calibration and Performance of the precision chambers of the ATLAS muon spectrometer.

Speaker

Edward Diehl

14:20-14:40

Construction and Test of a Prototype Chamber for the Upgrade of the ATLAS Muon Spectrometer

Speaker

Philipp Schwegler

14:40-15:00

Development of Micro Pixel Chamber for ATLAS upgrade

Speaker

Dr Atsuhiko Ochi

15:00-15:20

Performance of a Large-Area Triple-GEM Detector in a Particle Beam

Speaker

Prof. Paul Edmund Karchin

15:20-15:40

Simulation of a Triple-GEM detector for a potential CMS muon tracking and trigger upgrade

Speaker

Dr Tania Moulik

15:40-16:00

A new generation of RPCs to be used as muon trigger detectors at the super- LHC

Speaker

Prof. Rinaldo Santonico

16:00