

CMS GEM Upgrade Workshop III

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Presenter: ASPELL, Paul (CERN)

Contribution ID: 1

Type: **not specified**

Front-end design

Thursday 19 April 2012 09:10 (20 minutes)

Presenter: GUILLOUX, Fabrice (CEA)

Session Classification: Micro-electronics

Contribution ID: 2

Type: **not specified**

The Calibration, Bias & Monitoring (CBM) Unit

Thursday 19 April 2012 09:30 (20 minutes)

Presenter: LODDO, Flavio (INFN-BARI)

Session Classification: Micro-electronics

Contribution ID: 3

Type: **not specified**

SAR ADC development

Thursday 19 April 2012 09:50 (20 minutes)

Presenter: IDZIK, Marek (AGH)

Session Classification: Micro-electronics

Contribution ID: 4

Type: **not specified**

DSP & TOT

Thursday 19 April 2012 10:10 (20 minutes)

Presenter: VERHAGEN, Erik (Inter-University Institute for High Energies (BE))

Session Classification: Micro-electronics

Contribution ID: 5

Type: **not specified**

Slow Control

Thursday 19 April 2012 10:50 (20 minutes)

Presenter: DE ROBERTIS, Giuseppe (Universita e INFN (IT))

Session Classification: Micro-electronics

Contribution ID: 6

Type: **not specified**

GBT update

Thursday 19 April 2012 11:10 (20 minutes)

Presenter: RODRIGUES SIMOES MOREIRA, Paulo (CERN)

Session Classification: Micro-electronics

Contribution ID: 7

Type: **not specified**

ALICE interest

Thursday 19 April 2012 11:30 (20 minutes)

Presenter: RIEGLER, Werner (CERN)

Session Classification: Micro-electronics

Contribution ID: 8

Type: **not specified**

Off Detector Electronics - Session Intro.

Thursday 19 April 2012 14:00 (5 minutes)

Presenter: ASPELL, Paul (CERN)

Session Classification: Off detector Electronics / DAQ

Contribution ID: 9

Type: **not specified**

uTCA development

Thursday 19 April 2012 14:05 (20 minutes)

Presenters: Dr DE LENTDECKER, Gilles (Universite Libre de Bruxelles); YANG, yifan

Session Classification: Off detector Electronics / DAQ

Contribution ID: **10**

Type: **not specified**

GLIB update

Thursday 19 April 2012 14:25 (20 minutes)

Presenter: HAAS, Stefan (CERN)

Session Classification: Off detector Electronics / DAQ

Contribution ID: **11**

Type: **not specified**

The AMC13

Thursday 19 April 2012 14:45 (20 minutes)

Presenter: HAZEN, Eric Shearer (Boston University (US))

Session Classification: Off detector Electronics / DAQ

Contribution ID: 12

Type: **not specified**

VFAT2 hybrid and SRS design & production

Thursday 19 April 2012 15:05 (20 minutes)

Presenter: MARTOIU, Sorin (CERN)

Session Classification: Off detector Electronics / DAQ

Contribution ID: **13**

Type: **not specified**

SRS DAQ software

Contribution ID: 14

Type: **not specified**

Lappeenranta University of Technology

Thursday 19 April 2012 11:50 (15 minutes)

Presenter: TUUVA, Tuure (Lappeenranta Univ. of Technology (FI))

Session Classification: Micro-electronics

Contribution ID: 15

Type: **not specified**

Planning

Thursday 19 April 2012 15:45 (15 minutes)

Presenter: ASPELL, Paul (CERN)

Session Classification: Off detector Electronics / DAQ

Contribution ID: **16**

Type: **not specified**

Planning

Presenter: ASPELL, Paul (CERN)

Contribution ID: 17

Type: **not specified**

Welcome and Introduction

Wednesday 18 April 2012 09:00 (10 minutes)

Presenter: BALL, Austin (CERN)

Session Classification: Introduction

Contribution ID: **18**

Type: **not specified**

Results of beam tests 2011

Friday 20 April 2012 09:40 (20 minutes)

Presenter: COLAFRANCESCHI, Stefano (Istituto Nazionale Fisica Nucleare (IT))

Session Classification: Detector Performance

Contribution ID: **19**

Type: **not specified**

Long Term operation and plans for tests at GIF

Friday 20 April 2012 10:20 (20 minutes)

Presenters: ARMAIGNAUD, Christopher; MERLIN, Jeremie Alexandre (Ecole Nationale Supérieure de Physique de Strasbourg (FR))

Session Classification: Detector Performance

Contribution ID: 20

Type: **not specified**

Gain calibration of small prototypes

Friday 20 April 2012 09:00 (20 minutes)

Presenter: ARMAIGNAUD, Christopher

Session Classification: Detector Performance

Contribution ID: 21

Type: **not specified**

Gain calibration of large prototypes

Friday 20 April 2012 09:20 (20 minutes)

Presenter: MERLIN, Jeremie

Session Classification: Detector Performance

Contribution ID: 22

Type: **not specified**

Production of large foils at CERN

Friday 20 April 2012 15:00 (20 minutes)

Presenter: DE OLIVEIRA, Rui (CERN)

Session Classification: Production and Quality Control

Contribution ID: 23

Type: **not specified**

Production of large foils at Korea

Friday 20 April 2012 15:20 (20 minutes)

Presenter: PARK, sung (Korea University)

Session Classification: Production and Quality Control

Contribution ID: 24

Type: **not specified**

Quality control - Foil production

Presenter: FORMENTI, Fabio (CERN)

Contribution ID: 25

Type: **not specified**

Quality control - Chamber production

Friday 20 April 2012 15:40 (20 minutes)

Presenters: DE OLIVEIRA, Rui (CERN); ZHOU, Yi (Univ. of Science & Tech. of China (CN))

Session Classification: Production and Quality Control

Contribution ID: 26

Type: **not specified**

TOTEM Experience

Wednesday 18 April 2012 09:40 (20 minutes)

Presenters: OLIVERI, Eraldo (Sezione di Pisa (IT)); TURINI, Nicola (Sezione di Pisa (IT))

Session Classification: Introduction

Contribution ID: 27

Type: **not specified**

GEM Collaboration meeting (Postponed)

Friday 20 April 2012 16:40 (1 hour)

Institute representatives
CERN-INDIA-Feb-talk

Session Classification: Summary and Wrap up

Contribution ID: 28

Type: **not specified**

Concluding Remarks and Wrap Up

Friday 20 April 2012 16:30 (10 minutes)

Session Classification: Summary and Wrap up

Contribution ID: 29

Type: **not specified**

The COMPASS Experience

Presenter: KETZER, Bernhard (Technische Universitaet Muenchen (DE))

Contribution ID: **30**

Type: **not specified**

Improving the RPC Trigger

Thursday 19 April 2012 16:50 (30 minutes)

Presenters: BUNKOWSKI, Karol (University of Warsaw (PL)); KONECKI, Marcin (University of Warsaw (PL))

Session Classification: Trigger Studies

Contribution ID: 31

Type: **not specified**

Exploiting the GEM resolution for resolving CSC ambiguities

Thursday 19 April 2012 17:20 (30 minutes)

Presenter: FURIC, Ivan Kresimir (University of Florida (US))

Session Classification: Trigger Studies

Contribution ID: **32**

Type: **not specified**

Extension of RPC trigger with GEMs

Thursday 19 April 2012 16:30 (20 minutes)

Presenter: KAZANA, Malgorzata (NCBJ Warsaw (PL))

Session Classification: Trigger Studies

Contribution ID: 33

Type: **not specified**

Chamber Mechanics & Mechanical Integration

Wednesday 18 April 2012 10:45 (20 minutes)

Presenter: CONDE GARCIA, Antonio (CERN)

Session Classification: Integration and Services

Contribution ID: 34

Type: **not specified**

Project for Services Data Base

Wednesday 18 April 2012 11:25 (20 minutes)

Presenters: UZUNOVA, Daniela Georgieva (Bulgarian Academy of Sciences (BG)); BALLY, Stephane (CERN)

Session Classification: Integration and Services

Contribution ID: 35

Type: **not specified**

Cooling

Wednesday 18 April 2012 12:25 (20 minutes)

Presenter: TROPEA, Paola (CERN)

Session Classification: Integration and Services

Contribution ID: **36**

Type: **not specified**

GEM Integrated PCB readout and cooling

Wednesday 18 April 2012 11:45 (20 minutes)

Presenter: MARINOV, Andrey (Ghent University (BE))

Session Classification: Integration and Services

Contribution ID: 37

Type: **not specified**

Gas system

Wednesday 18 April 2012 12:05 (20 minutes)

Presenter: GUIDA, Roberto (CERN)

Session Classification: Integration and Services

Contribution ID: **38**

Type: **not specified**

Installation sequence

Wednesday 18 April 2012 11:05 (20 minutes)

Presenter: CONDE GARCIA, Antonio (CERN)

Session Classification: Integration and Services

Contribution ID: **39**

Type: **not specified**

Introduction to GEMs for High Eta

Wednesday 18 April 2012 09:10 (30 minutes)

Presenter: SHARMA, Archana (CERN)

Session Classification: Introduction

Contribution ID: 40

Type: **not specified**

Status of Simulation, Reconstruction and Physics Studies with GEM in CMS

Wednesday 18 April 2012 14:00 (40 minutes)

Presenter: MAGGI, Marcello (Sezione di Bari (INFN))

Session Classification: Simulation Tools, Reconstruction Studies and Physics Impact

Contribution ID: 41

Type: **not specified**

Plans for Simulation Tools

Wednesday 18 April 2012 14:40 (20 minutes)

Session Classification: Simulation Tools, Reconstruction Studies and Physics Impact

Contribution ID: 42

Type: **not specified**

Overview of HIGGS contributions to Upgrade TDR

Wednesday 18 April 2012 15:30 (30 minutes)

Presenter: GIACOMELLI, Paolo (INFN Sezione di Bologna)

Session Classification: Simulation Tools, Reconstruction Studies and Physics Impact

Contribution ID: 43

Type: **not specified**

Forward Muon in New Physics Searches (t.b.c.)

Contribution ID: 44

Type: **not specified**

Zig-zag Readout Strips

Friday 20 April 2012 16:00 (20 minutes)

Presenter: HOHLMANN, Marcus (Florida Institute of Technology (US))

Session Classification: Production and Quality Control

Contribution ID: 45

Type: **not specified**

Microelectronics - Session Intro.

Thursday 19 April 2012 09:00 (5 minutes)

Presenter: ASPELL, Paul (CERN)

Session Classification: Micro-electronics

Contribution ID: 46

Type: **not specified**

ASRT-ENHEP

Thursday 19 April 2012 15:25 (20 minutes)

Presenter: RADI, Amr (The British University in Egypt (EG))

Session Classification: Off detector Electronics / DAQ

Contribution ID: 47

Type: **not specified**

VFAT3/GdSP Planning

Thursday 19 April 2012 12:05 (15 minutes)

Presenter: ASPELL, Paul (CERN)

Session Classification: Micro-electronics

Contribution ID: 48

Type: **not specified**

GEM Integrated PCB readout and cooling

Presenter: MARINOV, Andrey (Ghent University (BE))

Contribution ID: 49

Type: **not specified**

Forward GEM Tracker at STAR

Wednesday 18 April 2012 10:10 (20 minutes)

Presenter: SURROW, Bernd (MIT)

Session Classification: Introduction

Contribution ID: **50**

Type: **not specified**

Muon Reconstruction and ID overview

Wednesday 18 April 2012 15:00 (30 minutes)

Presenter: BELLAN, Riccardo (Univ. of California Santa Barbara (US))

Session Classification: Simulation Tools, Reconstruction Studies and Physics Impact