

CBM Archive: DPG Spring Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Vacuum-Compatible, Ultra-Low Material Budget MVD for the CBM Experiment

Monday, March 14, 2016 8:00 AM (1 minute)

Presenter: KOZIEL, Michal (Goethe-Universität Frankfurt)

Contribution ID: 1

Type: **not specified**

On drift fields in CMOS Monolithic Active Pixel Sensors

Monday, March 14, 2016 8:01 AM (1 minute)

Presenter: DEVEAUX, Michael (Frankfurt University)

Contribution ID: 2

Type: **not specified**

Optical quality assurance procedures for the sensors of CBM STS Detector

Monday, March 14, 2016 8:02 AM (1 minute)

Presenter: LAVRIK, Evgeny (Eberhard Karls Universität Tübingen)

Contribution ID: 3

Type: **not specified**

Quality assurance tests of the CBM Silicon Tracking System sensors with an infrared laser

Monday, March 14, 2016 8:03 AM (1 minute)

Presenter: TEKLISHYN, Maksym (FAIR, Darmstadt)

Contribution ID: 4

Type: **not specified**

Time-based cluster and hit finding for the STS detector in the CBM experiment at FAIR

Monday, March 14, 2016 8:04 AM (1 minute)

Presenter: KOZLOV, Grigory (FIAS, Frankfurt)

Contribution ID: 5

Type: **not specified**

Offline Event-Building based on Free-Streaming CBM-TRD Prototype DAQ Systems in 2015 CERN-SPS Beamtest Data

Monday, March 14, 2016 8:05 AM (1 minute)

Presenter: KÄHLER, Philipp (Westfälische Wilhelms-Universität Münster)

Contribution ID: 6

Type: **not specified**

Background rejection in dilepton analysis with the CBM-MVD

Monday, March 14, 2016 8:06 AM (1 minute)

Presenter: KREBS, Erik (Goethe-Universität Frankfurt)

Contribution ID: 7

Type: **not specified**

The detector response simulation for the CBM Silicon Tracking System as a tool for hit error estimation

Monday, March 14, 2016 8:07 AM (1 minute)

Presenter: MALYGINA, Hanna (Goethe-Universität Frankfurt)

Contribution ID: **8**

Type: **not specified**

CBM First-level Event Selector Input Interface

Monday, March 14, 2016 8:08 AM (1 minute)

Presenter: HUTTER, Dirk (FIAS, Frankfurt)

Contribution ID: 9

Type: **not specified**

Control software for the CBM readout chain

Monday, March 14, 2016 8:09 AM (1 minute)

Presenter: LOIZEAU, Pierre-Alain (GSI, Darmstadt)

Contribution ID: **10**

Type: **not specified**

Time-based MRPC detector response simulations for the CBM time-of-flight system

Monday, March 14, 2016 8:10 AM (1 minute)

Presenter: SIMON, Christian (Universität Heidelberg)

Contribution ID: 11

Type: **not specified**

The Silicon Tracking System of the CBM Experiment at FAIR

Monday, March 14, 2016 8:11 AM (1 minute)

Presenter: LYMANETS, Anton (GSI, Darmstadt)

Contribution ID: 12

Type: **not specified**

Quality assurance of the silicon microstrip sensors for the CBM experiment

Monday, March 14, 2016 8:12 AM (1 minute)

Presenter: PANASENKO, Iaroslav (Eberhard Karls Universität Tübingen)

Contribution ID: 13

Type: **not specified**

Systematic study of radiation hardness of single crystal CVD diamond material investigated with an Au beam and IBIC method

Monday, March 14, 2016 8:13 AM (1 minute)

Presenter: PIETRASZKO, Jerzy (GSI, Darmstadt)

Contribution ID: 14

Type: **not specified**

Multi-strange hyperons triggering at SIS 100

Tuesday, March 15, 2016 8:00 AM (1 minute)

Presenter: CHERIF, Hamda (Goethe-Universität Frankfurt)

Contribution ID: 15

Type: **not specified**

An X-ray fluorescence spectrometer using CMOS-sensors

Tuesday, March 15, 2016 8:01 AM (1 minute)

Presenter: DOERING, Dennis (Goethe-Universität Frankfurt)

Contribution ID: 16

Type: **not specified**

Status of the radiation hardness of CMOS Monolithic Active Pixels Sensors for the CBM experiment

Tuesday, March 15, 2016 8:02 AM (1 minute)

Presenter: LINNIK, Benjamin (Goethe-Universität Frankfurt)

Contribution ID: 17

Type: **not specified**

Radiation tolerance of microstrip sensors for the CBM Silicon Tracking System

Tuesday, March 15, 2016 8:03 AM (1 minute)

Presenter: MOMOT, Ievgeniia (Frankfurt University)

Contribution ID: **18**

Type: **not specified**

Multi-strange Hyperons and Hypernuclei reconstruction at the CBM experiment

Tuesday, March 15, 2016 8:04 AM (1 minute)

Presenter: VASSILIEV, Iouri (GSI, Darmstadt)

Contribution ID: 19

Type: **not specified**

Σ hyperons reconstruction by the missing mass method

Tuesday, March 15, 2016 8:05 AM (1 minute)

Presenter: KISEL, Pavel (Frankfurt University)

Contribution ID: 20

Type: **not specified**

Performance of centrality determination in heavy-ion collisions with CBM experiment

Tuesday, March 15, 2016 8:06 AM (1 minute)

Presenter: KLOCHKOV, Viktor (GSI, Darmstadt)

Contribution ID: 21

Type: **not specified**

Physics performance studies with the CBM-TRD

Tuesday, March 15, 2016 8:07 AM (1 minute)

Presenter: BOOK, Julian (Institut fuer Kernphysik Frankfurt)

Contribution ID: 22

Type: **not specified**

Kalman filter based approach for reconstruction of short-lived particles

Tuesday, March 15, 2016 8:08 AM (1 minute)

Presenter: ZYZAK, Maksym (GSI, Darmstadt)

Contribution ID: 23

Type: **not specified**

Extraction of moments of net-particle event-by-event fluctuations in the CBM experiment

Tuesday, March 15, 2016 8:09 AM (1 minute)

Presenter: VOVCHENKO, Volodymyr (FIAS, Frankfurt)

Contribution ID: 24

Type: **not specified**

Evaluation of a feature extraction framework for FPGA firmware generation during a beam-test at CERN-SPS for the CBM-TRD experiment

Tuesday, March 15, 2016 8:10 AM (1 minute)

Presenter: GARCIA CHAVEZ, Cruz de Jesus (Goethe-Universität Frankfurt)

Contribution ID: 25

Type: **not specified**

The CBM-STS front-end electronics

Tuesday, March 15, 2016 8:11 AM (1 minute)

Presenter: RODRIGUEZ RODRIGUEZ, Adrian (Frankfurt University)

Contribution ID: 26

Type: **not specified**

The CBM Time-of-Flight wall

Wednesday, March 16, 2016 8:00 AM (1 minute)

Presenter: DEPPNER, Ingo (Universität Heidelberg)

Contribution ID: 27

Type: **not specified**

Concept and design of an alignment monitoring system for the CBM RICH mirrors

Wednesday, March 16, 2016 8:01 AM (1 minute)

Presenter: BENDAROUACH, Jordan (Justus-Liebig-Universität Gießen)

Contribution ID: 28

Type: **not specified**

Influence of parton shadowing on J/psi-to-Drell-Yan ratio at SPS and FAIR

Wednesday, March 16, 2016 8:02 AM (1 minute)

Presenter: BHADURI, Partha Pratim (GSI, Darmstadt)

Contribution ID: 29

Type: **not specified**

Detector performance tests for the CBM TRD

Wednesday, March 16, 2016 8:03 AM (1 minute)

Presenter: KOHN, Martin (Universität Münster)

Contribution ID: **30**

Type: **not specified**

Design and Test of the Real Size Prototypes for the CBM-TRD in Frankfurt

Wednesday, March 16, 2016 8:04 AM (1 minute)

Presenter: TANHA, Milad (Goethe-Universität Frankfurt)

Contribution ID: **31**

Type: **not specified**

Bau eines Teststandes für MAPMT-Serientests

Wednesday, March 16, 2016 8:05 AM (1 minute)

Presenter: FÖRTSCH, Jörg (Bergische Universität Wuppertal)

Contribution ID: **32**

Type: **not specified**

The workflow of CBM-STS silicon strip sensor module-assembly

Wednesday, March 16, 2016 8:06 AM (1 minute)

Presenter: SIMONS, Carmen (GSI, Darmstadt)

Contribution ID: **33**

Type: **not specified**

Bi-Phase CO₂ cooling of the CBM STS detector

Wednesday, March 16, 2016 8:07 AM (1 minute)

Presenter: LAVRIK, Evgeny (Eberhard Karls Universität Tübingen)

Contribution ID: 34

Type: **not specified**

Strahlenschäden in dotiertem Silizium aufgrund Neutroneneinfangs Bor als Erweiterung des NIEL-Modells

Wednesday, March 16, 2016 8:08 AM (1 minute)

Presenter: BUS, Tobias (Frankfurt University)

Contribution ID: 35

Type: **not specified**

Mechanical integration of the detector components for the CBM Silicon Tracking System

Wednesday, March 16, 2016 8:09 AM (1 minute)

Presenter: VASYLYEV, Oleg (GSI, Darmstadt)

Contribution ID: 36

Type: **not specified**

Event reconstruction for the RICH prototype beamtest data 2012 and 2014

Wednesday, March 16, 2016 8:10 AM (1 minute)

Presenter: LEBEDEV, Semen (Justus-Liebig-Universität Gießen)

Contribution ID: 37

Type: **not specified**

Performance of the CBM experiment for measurements of charged particles anisotropic flow

Thursday, March 17, 2016 8:00 AM (1 minute)

Presenter: BLINOV, Vitalii (Frankfurt University)

Contribution ID: **38**

Type: **not specified**

The CBM First-level Event Selector, Timeslice Building and Availability Studies

Thursday, March 17, 2016 8:01 AM (1 minute)

Presenter: HARTMANN, Helvi (FIAS, Frankfurt)

Contribution ID: 39

Type: **not specified**

Deriving the effective focal plane for the CBM-RICH detector

Thursday, March 17, 2016 8:02 AM (1 minute)

Presenter: KRES, Ievgenii (Bergische Universität Wuppertal)

Contribution ID: 40

Type: **not specified**

Measurements of the mirror surface homogeneity in the CBM-RICH

Thursday, March 17, 2016 8:03 AM (1 minute)

Presenter: LEBEDEVA, Elena (Justus-Liebig-Universität Gießen)

Contribution ID: 41

Type: **not specified**

CBM RICH geometry optimization

Thursday, March 17, 2016 8:04 AM (1 minute)

Presenter: MAHMOUD, Tariq (Justus-Liebig-Universität Gießen)

Contribution ID: 42

Type: **not specified**

PADI ASIC for straw tube read-out

Thursday, March 17, 2016 8:05 AM (1 minute)

Presenter: PIETRASZKO, Jerzy (GSI, Darmstadt)

Contribution ID: 43

Type: **not specified**

QDC and TDC for understanding QGP

Thursday, March 17, 2016 8:06 AM (1 minute)

Presenter: ROST, Adrian (Technische Universität Darmstadt)

Contribution ID: 44

Type: **not specified**

The read-out chain of the CBM STS detector

Thursday, March 17, 2016 8:07 AM (1 minute)

Presenter: LEHNERT, Jörg (GSI, Darmstadt)

Contribution ID: 45

Type: **not specified**

Thin and Reliable Connectivity for the CBM-MVD

Thursday, March 17, 2016 8:08 AM (1 minute)

Presenter: KLAUS, Philipp (Goethe-Universität Frankfurt)

Contribution ID: 46

Type: **not specified**

Parallel 4-Dimensional Cellular Automaton Track Finder for the CBM Experiment

Friday, March 18, 2016 8:00 AM (1 minute)

Presenter: AKISHINA, Valentina (Frankfurt University)

Contribution ID: 47

Type: **not specified**

The Compressed Baryonic Matter experiment at FAIR

Friday, March 18, 2016 8:01 AM (1 minute)

Presenter: EMSCHERMANN, David (GSI, Darmstadt)