RD09 - 9th International Conference on Large Scale Applications and Radiation Hardness of Semiconductor Detectors

Report of Contributions

https://agenda.infn.it/e/1414

Contribution ID: **0** Type: **not specified**

Commissioning of the ATLAS Pixel Detector with cosmic ray data

Wednesday, 30 September 2009 09:15 (20 minutes)

Presenter: DI GIROLAMO, Beniamino (CERN)

Contribution ID: **1** Type: **not specified**

Commissioning and Performance of the CMS Silicon Pixel Tracker Detector

Wednesday, 30 September 2009 09:40 (20 minutes)

Presenter: GIURGIU, Gavril (Johns Hopkins University)

Contribution ID: **2** Type: **not specified**

Operation Experience with the ALICE Silicon Pixel Detector

Wednesday, 30 September 2009 10:05 (20 minutes)

Presenter: RIEDLER, Petra (CERN)

Contribution ID: **3** Type: **not specified**

Operation of the ATLAS Semiconductor Tracker

Wednesday, 30 September 2009 10:30 (20 minutes)

Presenter: BARLOW, Nick (University of Cambridge)

Contribution ID: **4** Type: **not specified**

The ALICE Pixel Trigger system, commissioning and operation

Wednesday, 30 September 2009 11:15 (20 minutes)

Presenter: AGLIERI RINELLA, Gianluca (CERN)

Contribution ID: **5** Type: **not specified**

Commissioning and performance of the CMS silicon microstrip detector

Wednesday, 30 September 2009 11:40 (20 minutes)

Presenter: DEMINA, Regina (University of Rochester)

Contribution ID: **6** Type: **not specified**

Operation the Silicon Drift Detectors of the ALICE Inner Tracking System during cosmic runs

Wednesday, 30 September 2009 12:05 (20 minutes)

Presenter: PRINO, Francesco (INFN Torino)

Contribution ID: **7** Type: **not specified**

Performance of the LHCb Vertex Detector

Wednesday, 30 September 2009 12:30 (20 minutes)

Presenter: CARVALHO AKIBA, Kazuyoshi (Nikhef)

Contribution ID: **8** Type: **not specified**

Experience with the Silicon Strip Detector of ALICE

Wednesday, 30 September 2009 12:55 (20 minutes)

Presenter: NOOREN, Gerardus (Utrecht University)

Contribution ID: **9** Type: **not specified**

Commissioning of the LHCb Silicon Tracker using data from the LHC injection tests

Wednesday, 30 September 2009 15:00 (20 minutes)

Presenter: KNECHT, Mathias (EPFL Lusanne)

Contribution ID: **10** Type: **not specified**

First Alignment of the Complete CMS Silicon Tracker

Wednesday, 30 September 2009 15:25 (20 minutes)

Presenter: DRAEGER, Jula (University of Hamburg)

Contribution ID: **11** Type: **not specified**

Commissioning and Alignment of the ATLAS Inner Detector using Cosmic Data

Wednesday, 30 September 2009 15:50 (20 minutes)

Presenter: KOLLAR, Daniel (CERN)

Contribution ID: **12** Type: **not specified**

The Laser Alignment System for the CMS silicon strip tracker

Wednesday, 30 September 2009 16:15 (20 minutes)

Presenter: OLZEM, Jan (DESY)

Contribution ID: **13** Type: **not specified**

The CMS tracking algorithms and their performance in cosmic ray data

Wednesday, 30 September 2009 16:40 (20 minutes)

Presenter: TROPIANO, Antonio (Università di Firenze and INFN)

Contribution ID: **14** Type: **not specified**

Hybrid pixel detector in the PANDA experiment

Wednesday, 30 September 2009 17:05 (20 minutes)

Presenter: CALVO, Daniela (INFN Torino)

Contribution ID: **15** Type: **not specified**

Determination of Si wafer resistivity distributions by C-V measurements

Thursday, 1 October 2009 09:00 (20 minutes)

Presenter: KORDYASZ, Andrzej J. (Warsaw University)

Contribution ID: **16** Type: **not specified**

RD50 Collaboration recent results on developing very high radiation resistant silicon detectors

Thursday, 1 October 2009 09:25 (20 minutes)

Presenter: MILITARU, Otilia (Universite catholique de Louvain)

Contribution ID: **17** Type: **not specified**

TSC studies on n- and p-type MCZ Si pad detectors irradiated with neutrons up to 10^16 n/cm^2

Thursday, 1 October 2009 09:50 (20 minutes)

Presenter: BRUZZI, Mara (Università di Firenze and INFN)

Contribution ID: **18** Type: **not specified**

Numerical modelling of different Si sensor design for the HEP experiments

Thursday, 1 October 2009 10:15 (20 minutes)

Presenter: SRIVASTAVA, Ajay (University of Hamburg)

Contribution ID: **19** Type: **not specified**

Development of n-on-p Silicon Microstrip Sensors for very high radiation environment

Thursday, 1 October 2009 11:00 (20 minutes)

Presenter: UNNO, Yoshinobu (KEK)

Contribution ID: **20** Type: **not specified**

Development of low-mass, high-density, hybrid for the silicon microstrip sensors in high track density environment

Thursday, 1 October 2009 11:25 (20 minutes)

Presenter: IKEGAMI, Yoichi (KEK)

Contribution ID: **21** Type: **not specified**

New Measurement of Lorentz angles for electrons and holes in silicon detectors

Thursday, 1 October 2009 11:50 (20 minutes)

Presenter: SCHMANAU, Mike (KIT)

Contribution ID: **22** Type: **not specified**

Development of the Silicon Tracker and of a YAG:Ce Calorimeter for Proton Computed Radiography

Thursday, 1 October 2009 12:15 (20 minutes)

Presenter: MENICHELLI, David (Università di Firenze and INFN)

Contribution ID: **23** Type: **not specified**

The ATLAS Beam Conditions and Beam Loss Monitors

Thursday, 1 October 2009 15:00 (20 minutes)

Presenter: MACEK, Bostjan (Jozef Stefan Institute)

Contribution ID: **24** Type: **not specified**

Performance of a Single-Crystal Diamond-Pixel Telescope

Thursday, 1 October 2009 15:25 (20 minutes)

Presenter: HITS, Dmitry (Rutgers University)

Contribution ID: **25** Type: **not specified**

Diamond Pixel Module

Thursday, 1 October 2009 15:50 (20 minutes)

Presenter: MOSS, Joshua (Ohio State University)

Contribution ID: **26** Type: **not specified**

New perspectives for the Silicon-On-Diamond material

Thursday, 1 October 2009 16:15 (20 minutes)

Presenter: SCIORTINO, Silvio (Università di Firenze and INFN)

Contribution ID: **27** Type: **not specified**

Analysis of the Response of Silicon Photomultipliers to Optical Light Fields

Friday, 2 October 2009 09:30 (20 minutes)

Presenter: RAMILLI, Marco (Università degli Studi dell'Insubria)

Contribution ID: **28** Type: **not specified**

Test Beam Measurements with 3D Silicon Strip Detectors

Friday, 2 October 2009 09:55 (20 minutes)

Presenter: KOEHLER, Michael (University of Freiburg)

Contribution ID: **29** Type: **not specified**

Preliminary results of 3D-DDTC pixel detectors for the ATLAS upgrade

Friday, 2 October 2009 10:20 (20 minutes)

Presenter: LA ROSA, Alessandro (CERN)

Contribution ID: **30** Type: **not specified**

A low mass pixel detector upgrade for CMS

Friday, 2 October 2009 10:45 (20 minutes)

Presenter: KAESTLI, Hans-Christian (PSI)

Contribution ID: **31** Type: **not specified**

The upgrade of the CMS Tracker for Super-LHC

Friday, 2 October 2009 11:40 (20 minutes)

Presenter: KLEIN, Katja (RWTH)

Contribution ID: **32** Type: **not specified**

Design and Characterization of a double-layered silicon charge detector for cosmic ray measurements in CALET

Friday, 2 October 2009 12:05 (20 minutes)

Presenter: KIM, Meyoung (INFN Pisa)

Contribution ID: **33** Type: **not specified**

The AMS-02 Silicon Tracker Status

Friday, 2 October 2009 12:30 (20 minutes)

Presenter: AMBROSI, Giovanni (INFN Perugia)

Contribution ID: **34** Type: **not specified**

One year operation in space of the Fermi LAT silicon tracker

Friday, 2 October 2009 12:55 (20 minutes)

Presenter: BREZ, Alessandro (INFN Pisa)

Contribution ID: **35** Type: **not specified**

The SuperB Silicon Vertex Tracker

Friday, 2 October 2009 15:00 (20 minutes)

Presenter: BETTARINI, Stefano (Università di Pisa and INFN)

Contribution ID: **36** Type: **not specified**

Radiation detection: novel approaches and readout capabilities exploiting latchup topology via bipolar, MOSFET and MESFET transistors / Simulation of a Floating Gate device fabricated in standard CMOS technology for dosimetry applications

Friday, 2 October 2009 15:25 (20 minutes)

Presenter: GABRIELLI, Alessandro (Università di Bologna and INFN)

Contribution ID: **37** Type: **not specified**

Serial power distribution for the ATLAS SCT Upgrade

Friday, 2 October 2009 15:50 (20 minutes)

Presenter: MATHESON, John (RAL)

Contribution ID: **38** Type: **not specified**

Study of the Radiation-Hardness of VCSEL/PIN

Friday, 2 October 2009 16:15 (20 minutes)

Presenter: GAN, K. K. (Ohio State University)

Contribution ID: **39** Type: **not specified**

Efficiency and readout architectures for large matrix of pixels

Friday, 2 October 2009 17:00 (20 minutes)

Presenter: GIORGI, Filippo Maria (Università di Bologna and INFN)

Contribution ID: **40** Type: **not specified**

Radiation tolerance of an SRAM based FPGA used in a large tracking detector

Friday, 2 October 2009 17:25 (20 minutes)

Presenter: ROED, Ketil (Bergen University College)

Contribution ID: **41** Type: **not specified**

Time resolved studies of Single Event Upset in optical data receiver for the ATLAS pixel detector

Friday, 2 October 2009 17:50 (20 minutes)

Presenter: ZIOLKOWSKI, Michael (University of Siegen)