

8th International Conference on Large Scale Applications and Radiation Hardness of Semiconductor Detectors (RD07)



Report of Contributions

Contribution ID: **0**

Type: **not specified**

Registration

Wednesday, 27 June 2007 09:00 (1 hour)

Primary author: Ms GRECO, Elisabetta (INFN-Firenze)

Session Classification: Day 1 - Morning Session

Contribution ID: 1

Type: **not specified**

SemiConductor Tracker final integration and commissioning in the Atlas detector

Primary author: ROBICHAUD-VÉRONNEAU, Andrée (Université de Genève - DPNC)

Contribution ID: 2

Type: **not specified**

SemiConductor Tracker final integration and commissioning in the Atlas detector

Wednesday, 27 June 2007 10:00 (25 minutes)

Primary author: ROBICHAUD-VÉRONNEAU, Andrée (Université de Genève - DPNC)

Presenter: ROBICHAUD-VÉRONNEAU, Andrée (Université de Genève - DPNC)

Session Classification: Day 1 - Morning Session

Contribution ID: 3

Type: **not specified**

The construction of the CMS Inner Barrel Silicon Tracker

Wednesday, 27 June 2007 10:25 (25 minutes)

Primary author: Dr VENTURI, Andrea (INFN - Pisa)

Presenter: Dr VENTURI, Andrea (INFN - Pisa)

Session Classification: Day 1 - Morning Session

Contribution ID: 4

Type: **not specified**

Results on CMS Tracker Outer Barrel Integration

Wednesday, 27 June 2007 10:50 (25 minutes)

Primary author: BLOCH, Christoph (Technische Universitaet Wien (TU))

Presenter: BLOCH, Christoph (Technische Universitaet Wien (TU))

Session Classification: Day 1 - Morning Session

Contribution ID: 5

Type: **not specified**

The CMS Tracker End-Caps Integration

Wednesday, 27 June 2007 11:50 (25 minutes)

Primary author: BOUDOUL, Gaelle (Centre de Calcul de l'IN2P3 (CC-IN2P3))

Presenter: BOUDOUL, Gaelle (Centre de Calcul de l'IN2P3 (CC-IN2P3))

Session Classification: Day 1 - Morning Session

Contribution ID: 6

Type: **not specified**

Status and prospects of the LHCb Vertex Locator

Wednesday, 27 June 2007 12:15 (25 minutes)

Primary author: VAN BEUZEKOM, Martin (NIKHEF)

Presenter: VAN BEUZEKOM, Martin (NIKHEF)

Session Classification: Day 1 - Morning Session

Contribution ID: 7

Type: **not specified**

LHCb VERtex LOcator (VELO) Module Production and Performance

Wednesday, 27 June 2007 12:40 (25 minutes)

Primary author: Dr AFFOLDER, Anthony (University of Liverpool)

Presenter: Dr AFFOLDER, Anthony (University of Liverpool)

Session Classification: Day 1 - Morning Session

Contribution ID: **8**

Type: **not specified**

Alignment of the ATLAS inner detector

Wednesday, 27 June 2007 15:00 (25 minutes)

Primary author: MORLEY, Anthony

Presenter: MORLEY, Anthony

Session Classification: Day 1 - Afternoon session

Contribution ID: 9

Type: **not specified**

Alignment Strategy for the CMS Silicon Tracker

Wednesday, 27 June 2007 15:25 (25 minutes)

Primary author: ROVERE, Marco (Milano)

Presenter: ROVERE, Marco (Milano)

Session Classification: Day 1 - Afternoon session

Contribution ID: **10**

Type: **not specified**

Track reconstruction of cosmic ray real data with the CMS tracker

Wednesday, 27 June 2007 15:50 (25 minutes)

Primary author: LENZI, Piergiulio (Dipartimento di Fisica)

Presenter: LENZI, Piergiulio (Dipartimento di Fisica)

Session Classification: Day 1 - Afternoon session

Contribution ID: **11**

Type: **not specified**

The ATLAS Beam Conditions Monitor

Wednesday, 27 June 2007 16:15 (25 minutes)

Primary author: KAGAN, Harris (High Energy Physics Group, Department of Physics)

Presenter: KAGAN, Harris (High Energy Physics Group, Department of Physics)

Session Classification: Day 1 - Afternoon session

Contribution ID: 12

Type: **not specified**

SLHC: the LHC luminosity upgrade

Wednesday, 27 June 2007 16:40 (25 minutes)

Primary author: TRICOMI, Alessia (Dipartimento di Fisica)

Presenter: TRICOMI, Alessia (Dipartimento di Fisica)

Session Classification: Day 1 - Afternoon session

Contribution ID: 13

Type: **not specified**

Status of RD50

Wednesday, 27 June 2007 17:05 (25 minutes)

Primary author: MENICHELLI, David (Unknown)

Presenter: MENICHELLI, David (Unknown)

Session Classification: Day 1 - Afternoon session

Contribution ID: 14

Type: **not specified**

Short p-Type Silicon Microstrip Detectors in 3D-stc technology

Wednesday, 27 June 2007 17:30 (25 minutes)

Primary author: ECKERT, Simon Heiko (Fakultaet fuer Physik)

Presenter: ECKERT, Simon Heiko (Fakultaet fuer Physik)

Session Classification: Day 1 - Afternoon session

Contribution ID: 15

Type: **not specified**

Upgrade of the CMS Silicon Tracker for SLHC

Wednesday, 27 June 2007 17:55 (25 minutes)

Primary author: CREANZA, Donato (Dipartimento Interateneo di Fisica & INFN - Bari)

Presenter: CREANZA, Donato (Dipartimento Interateneo di Fisica & INFN - Bari)

Session Classification: Day 1 - Afternoon session

Contribution ID: **16**

Type: **not specified**

Overview and status of ATLAS Pixel Detector

Thursday, 28 June 2007 09:00 (25 minutes)

Primary author: FERNANDO, Waruna

Presenter: FERNANDO, Waruna

Session Classification: Day 2 - Morning session

Contribution ID: 17

Type: **not specified**

Status of the CMS Pixel project

Thursday, 28 June 2007 09:25 (25 minutes)

Primary author: Dr UPLEGGER, Lorenzo (Fermilab)

Presenter: Dr UPLEGGER, Lorenzo (Fermilab)

Session Classification: Day 2 - Morning session

Contribution ID: **18**

Type: **not specified**

Test procedures for ALICE Silicon Pixel Detector ladders

Thursday, 28 June 2007 09:50 (25 minutes)

Primary author: PULVIRENTI, Alberto (Dipartimento di Fisica)

Presenter: PULVIRENTI, Alberto (Dipartimento di Fisica)

Session Classification: Day 2 - Morning session

Contribution ID: **19**

Type: **not specified**

The LHCb Silicon Tracker

Thursday, 28 June 2007 10:15 (25 minutes)

Primary author: Dr BERNHARD, Ralf (University of Freiburg)

Presenter: Dr BERNHARD, Ralf (University of Freiburg)

Session Classification: Day 2 - Morning session

Contribution ID: 20

Type: **not specified**

Optical Data Transmission for Atlas at SLHC

Thursday, 28 June 2007 11:15 (35 minutes)

Primary author: Prof. GAN, K.K. (The Ohio State University)

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

Session Classification: Day 2 - Morning session

Contribution ID: 21

Type: **not specified**

Proposal of a sparsification circuit for mixed-mode MAPS detectors

Thursday, 28 June 2007 11:50 (25 minutes)

Primary author: GABRIELLI, Alessandro (Dipartimento di Fisica)

Presenter: GABRIELLI, Alessandro (Dipartimento di Fisica)

Session Classification: Day 2 - Morning session

Contribution ID: 22

Type: **not specified**

Radiation Tolerance of DEPFET Active Pixel Sensor

Thursday, 28 June 2007 12:15 (25 minutes)

Primary author: Dr RUMMEL, Stefan (MPI for Physics - München)

Presenter: Dr RUMMEL, Stefan (MPI for Physics - München)

Session Classification: Day 2 - Morning session

Contribution ID: 23

Type: **not specified**

TOPIX: the first prototype of pixel readout for PANDA experiment

Thursday, 28 June 2007 12:40 (25 minutes)

Primary author: Dr CALVO, Daniela (INFN - Torino)

Presenter: Dr CALVO, Daniela (INFN - Torino)

Session Classification: Day 2 - Morning session

Contribution ID: 24

Type: **not specified**

The magnetic spectrometer of PAMELA

Thursday, 28 June 2007 14:30 (25 minutes)

Primary author: Dr FEDELE, David (INFN and University of Florence)

Presenter: Dr FEDELE, David (INFN and University of Florence)

Session Classification: Day 2 - Afternoon session

Contribution ID: 25

Type: **not specified**

The AMS tracker, construction and performance

Thursday, 28 June 2007 14:55 (25 minutes)

Primary author: ZUCCON, Paolo (INFN sezione di Perugia)

Presenter: ZUCCON, Paolo (INFN sezione di Perugia)

Session Classification: Day 2 - Afternoon session

Contribution ID: 26

Type: **not specified**

Silicon Detectors in space for gamma ray astroparticle physics

Thursday, 28 June 2007 15:20 (25 minutes)

Primary author: MORSELLI, Aldo (Istituto Nazionale di Fisica Nucleare Sezione di Roma 1)

Presenter: MORSELLI, Aldo (Istituto Nazionale di Fisica Nucleare Sezione di Roma 1)

Session Classification: Day 2 - Afternoon session

Contribution ID: 27

Type: **not specified**

Production of a large number of silicon pixel sensors and the application in cosmic ray experiment and imaging calorimeter

Thursday, 28 June 2007 15:45 (25 minutes)

Primary author: Prof. NAM, Shinwoo (Ewha Womans University)

Presenter: Prof. NAM, Shinwoo (Ewha Womans University)

Session Classification: Day 2 - Afternoon session

Contribution ID: 28

Type: **not specified**

The LHCf experiment

Thursday, 28 June 2007 16:10 (25 minutes)

Primary author: BONECHI, Lorenzo (Istituto Nazionale di Fisica Nucleare (INFN))

Presenter: BONECHI, Lorenzo (Istituto Nazionale di Fisica Nucleare (INFN))

Session Classification: Day 2 - Afternoon session

Contribution ID: 29

Type: **not specified**

Conference Dinner

Thursday, 28 June 2007 19:00 (4 hours)

Session Classification: Day 2 - Conference dinner

Contribution ID: **30**

Type: **not specified**

Low Power Front End for the Optical Module of a Neutrino Underwater Telescope

Friday, 29 June 2007 09:30 (25 minutes)

Primary author: Dr LO PRESTI, Domenico (CATANIA UNIVERSITY - PHYSICS DEPARTMENT)

Presenter: Dr LO PRESTI, Domenico (CATANIA UNIVERSITY - PHYSICS DEPARTMENT)

Session Classification: Day 3 - Morning session

Contribution ID: 31

Type: **not specified**

Development, realization and test of an electronic data acquisition board for the NEMO experiment

Friday, 29 June 2007 09:55 (25 minutes)

Primary author: Dr GIORGI, Filippo (INFN- Bologna)

Presenter: Dr GIORGI, Filippo (INFN- Bologna)

Session Classification: Day 3 - Morning session

Contribution ID: 32

Type: **not specified**

130 nm and 90 nm CMOS processes

Friday, 29 June 2007 10:20 (25 minutes)

Primary author: Prof. RE, Valerio (Universita' di Bergamo)

Presenter: Prof. RE, Valerio (Universita' di Bergamo)

Session Classification: Day 3 - Morning session

Contribution ID: 33

Type: **not specified**

Architecture of a general purpose embedded Slow-Control-Adapter ASIC for future high-energy physics experiments

Friday, 29 June 2007 10:45 (25 minutes)

Primary author: GABRIELLI, Alessandro (Dipartimento di Fisica)

Presenter: GABRIELLI, Alessandro (Dipartimento di Fisica)

Session Classification: Day 3 - Morning session

Contribution ID: 34

Type: **not specified**

Tracking at the International Linear Collider

Friday, 29 June 2007 11:25 (25 minutes)

Primary author: Dr VOS, Marcel (INFN)

Presenter: Dr VOS, Marcel (INFN)

Session Classification: Day 3 - Morning session

Contribution ID: 35

Type: **not specified**

Stepdown converter with switched capacitors at high frequency

Friday, 29 June 2007 11:50 (25 minutes)

Primary author: Dr CARRARESI, Luca (INFN and University of Florence)

Presenter: Dr CARRARESI, Luca (INFN and University of Florence)

Session Classification: Day 3 - Morning session

Contribution ID: 36

Type: **not specified**

Characterization of Avalanche Photo Diodes (APDs) for the Electromagnetic Calorimeter in the ALICE experiment

Friday, 29 June 2007 12:15 (25 minutes)

Primary author: Dr LA ROCCA, Paola (Universita' and INFN Catania)

Presenter: Dr LA ROCCA, Paola (Universita' and INFN Catania)

Session Classification: Day 3 - Morning session

Contribution ID: 37

Type: **not specified**

Dosimetric characterization with 62 MeV protons of a silicon segmented detector for 2D dose verifications in radiotherapy

Friday, 29 June 2007 15:00 (25 minutes)

Primary author: Dr TALAMONTI, Cinzia (Universita' di Firenze)

Presenter: Dr TALAMONTI, Cinzia (Universita' di Firenze)

Session Classification: Day 3 - Afternoon session

Contribution ID: **38**

Type: **not specified**

Double sided strip monolithic E-dE telescope

Friday, 29 June 2007 15:25 (25 minutes)

Primary author: Prof. KORDYASZ, Andrzej (Warsaw University)

Presenter: Prof. KORDYASZ, Andrzej (Warsaw University)

Session Classification: Day 3 - Afternoon session

Contribution ID: **39**

Type: **not specified**

1 cm Thick Silicon Detectors at Liquid Helium Temperature

Friday, 29 June 2007 15:50 (25 minutes)

Primary author: Dr CARUGNO, Giovanni (INFN - Padova)

Presenter: Dr CARUGNO, Giovanni (INFN - Padova)

Session Classification: Day 3 - Afternoon session

Contribution ID: 40

Type: **not specified**

First results of systematic studies done with Silicon Photomultipliers (SiPM)

Friday, 29 June 2007 16:45 (25 minutes)

Primary author: Dr KUZNETSOVA, Ekaterina (INFN - Roma 1)

Presenter: Dr KUZNETSOVA, Ekaterina (INFN - Roma 1)

Session Classification: Day 3 - Afternoon session

Contribution ID: 41

Type: **not specified**

Test Beam Results on Multi Pixel Photon Counters

Friday, 29 June 2007 17:10 (25 minutes)

Primary author: Dr CALCATERRA, Alessandro (INFN - Laboratori Nazionali di Frascati)

Presenter: Dr CALCATERRA, Alessandro (INFN - Laboratori Nazionali di Frascati)

Session Classification: Day 3 - Afternoon session