

7th International Conference on Large Scale Applications and Radiation Hardness of Semiconductor Detectors

Report of Contributions

Contribution ID: **1**

Type: **not specified**

The ILC Silicon tracker

Wednesday, 5 October 2005 15:00 (20 minutes)

Author: , E. Spiriti (INFN Roma 3)

Presenter: , E. Spiriti (INFN Roma 3)

Session Classification: Day 1

Contribution ID: 2

Type: **not specified**

Finnish CMS-TOB Cosmic Rack

Wednesday, 5 October 2005 15:25 (20 minutes)

Author: , T. Maenpaa (Helsinki Institute of Physics)

Presenter: , T. Maenpaa (Helsinki Institute of Physics)

Session Classification: Day 1

Contribution ID: 3

Type: **not specified**

The CMS Silicon Strip End Cap Tracker - Overview and Status

Wednesday, 5 October 2005 15:50 (20 minutes)

Author: , M. Vander Donckt (UCL/FYNU)

Presenter: , M. Vander Donckt (UCL/FYNU)

Session Classification: Day 1

Contribution ID: 4

Type: **not specified**

First Level Trigger using a pixel detector for the CMS experiment

Wednesday, 5 October 2005 16:15 (20 minutes)

Author: , M. D'Alfonso (University and INFN Pisa)

Presenter: , M. D'Alfonso (University and INFN Pisa)

Session Classification: Day 1

Contribution ID: 5

Type: **not specified**

First performance studies of jet rejection using a pixel based trigger

Wednesday, 5 October 2005 16:40 (20 minutes)

Author: PIOPPI, Michele (Univ + INFN)

Presenter: PIOPPI, Michele (Univ + INFN)

Session Classification: Day 1

Contribution ID: 6

Type: **not specified**

From the Endcap ATLAS SCT Module production to commissioning

Wednesday, 5 October 2005 10:00 (20 minutes)

Author: FERRERE, Didier (Section de Physique)

Presenter: FERRERE, Didier (Section de Physique)

Session Classification: Day 1

Contribution ID: 7

Type: **not specified**

Functional Testing of the ATLAS SCT Barrels

Wednesday, 5 October 2005 10:25 (20 minutes)

Author: PHILLIPS, Peter (Particle Physics)

Presenter: PHILLIPS, Peter (Particle Physics)

Session Classification: Day 1

Contribution ID: 8

Type: **not specified**

The ALICE Silicon Drift Detector: construction and assembly of the system

Wednesday, 5 October 2005 10:50 (20 minutes)

Author: , S. Beole' (INFN Torino)

Presenter: , S. Beole' (INFN Torino)

Session Classification: Day 1

Contribution ID: 9

Type: **not specified**

Assembly, construction and testing of the ALICE Silicon Pixel Detector

Wednesday, 5 October 2005 11:50 (20 minutes)

Author: , V. Manzari (INFN Bari)

Presenter: , V. Manzari (INFN Bari)

Session Classification: Day 1

Contribution ID: **10**

Type: **not specified**

The CMS inner barrel silicon microstrip module production and test

Wednesday, 5 October 2005 12:15 (20 minutes)

Author: , A. Tricomi (University & INFN Catania)

Presenter: , A. Tricomi (University & INFN Catania)

Session Classification: Day 1

Contribution ID: **11**

Type: **not specified**

Status of integration of the CMS Tracker Inner Barrel

Wednesday, 5 October 2005 12:40 (20 minutes)

Author: , L. Borrello (University and INFN Pisa)

Presenter: , L. Borrello (University and INFN Pisa)

Session Classification: Day 1

Contribution ID: **12**

Type: **not specified**

The GLAST silicon detector

Thursday, 6 October 2005 09:30 (20 minutes)

Author: , F. Belli (INFN Roma 2)

Presenter: , F. Belli (INFN Roma 2)

Session Classification: Day 2

Contribution ID: 13

Type: **not specified**

CVD diamond radiation sensors for application in very high radiation environment

Thursday, 6 October 2005 15:00 (20 minutes)

Author: , P.Weilhammer (University of Perugia and INFN Perugia)

Presenter: , P.Weilhammer (University of Perugia and INFN Perugia)

Session Classification: Day 2

Contribution ID: **14**

Type: **not specified**

Single crystal CVD diamond detectors

Thursday, 6 October 2005 15:25 (20 minutes)

Author: , C. Tuve' (Department of Physics and INFN)

Presenter: , C. Tuve' (Department of Physics and INFN)

Session Classification: Day 2

Contribution ID: 15

Type: **not specified**

Model of radiation-induced conductivity in diamond detectors

Thursday, 6 October 2005 15:50 (20 minutes)

Author: , S. Sciortino (Dipartimento di Energetica, INFN sezione di Firenze)

Presenter: , S. Sciortino (Dipartimento di Energetica, INFN sezione di Firenze)

Session Classification: Day 2

Contribution ID: **16**

Type: **not specified**

Tests of the RD39 cryogenic detector modules

Thursday, 6 October 2005 16:15 (20 minutes)

Author: , X. Rouby (Institut de Physique Nucléaire, Université Catholique de Louvain)

Presenter: , X. Rouby (Institut de Physique Nucléaire, Université Catholique de Louvain)

Session Classification: Day 2

Contribution ID: 17

Type: **not specified**

The AMS Silicon Tracker

Thursday, 6 October 2005 09:55 (20 minutes)

Author: AZZARELLO, Philipp (INFN Sez. di Perugia c/o Dipt. di Fisica (INFN))

Presenter: AZZARELLO, Philipp (INFN Sez. di Perugia c/o Dipt. di Fisica (INFN))

Session Classification: Day 2

Contribution ID: **18**

Type: **not specified**

The Pamela Silicon Tracker

Thursday, 6 October 2005 10:20 (20 minutes)

Author: , L. Bonechi (INFN Firenze)

Presenter: , L. Bonechi (INFN Firenze)

Session Classification: Day 2

Contribution ID: **19**

Type: **not specified**

The Silicon Charge Detector for the CREAM Experiment

Thursday, 6 October 2005 10:45 (20 minutes)

Author: , I.H. Park (Ewha W. Univ.)

Presenter: , I.H. Park (Ewha W. Univ.)

Session Classification: Day 2

Contribution ID: 20

Type: **not specified**

Radiation tolerance of commercial 130nm CMOS technologies for High Energy Physics experiments

Thursday, 6 October 2005 11:40 (20 minutes)

Author: FACCIO, Federico (CERN)

Presenter: FACCIO, Federico (CERN)

Session Classification: Day 2

Contribution ID: **21**

Type: **not specified**

Optical Link of the ATLAS Pixel Detector

Thursday, 6 October 2005 12:05 (20 minutes)

Author: GAN, Kock Kiam (High Energy Physics Group, Department of Physics)

Presenter: GAN, Kock Kiam (High Energy Physics Group, Department of Physics)

Session Classification: Day 2

Contribution ID: 22

Type: **not specified**

Production and Test of a readout chip for the ALICE SDD Experiment

Thursday, 6 October 2005 12:30 (20 minutes)

Author: , S. Antinori (INFN & Physics Department of Bologna University)

Presenter: , S. Antinori (INFN & Physics Department of Bologna University)

Session Classification: Day 2

Contribution ID: 23

Type: **not specified**

The silicon microstrip detector for ALICE tracking system: assembly and validation

Friday, 7 October 2005 09:30 (20 minutes)

Author: , M. Bregant (Dipartimento di Fisica Università di Trieste & INFN Sezione di Trieste)

Presenter: , M. Bregant (Dipartimento di Fisica Università di Trieste & INFN Sezione di Trieste)

Session Classification: Day 3

Contribution ID: **24**

Type: **not specified**

RD50 status

Friday, 7 October 2005 09:55 (20 minutes)

Author: , M. Boscardin (ITC-irst)

Presenter: , M. Boscardin (ITC-irst)

Session Classification: Day 3

Contribution ID: 25

Type: **not specified**

First electrical characterization of 3D detectors with electrodes of the same doping type

Friday, 7 October 2005 10:20 (20 minutes)

Author: , A. Pozza (ITC-irst)

Presenter: , A. Pozza (ITC-irst)

Session Classification: Day 3

Contribution ID: 26

Type: **not specified**

Localized energy levels generated in magnetic Czochralski silicon by proton irradiation and their influence on the sign of the space charge density

Friday, 7 October 2005 10:45 (20 minutes)

Author: , M. Scaringella (Dipartimento di Energetica, INFN sezione di Firenze)

Presenter: , M. Scaringella (Dipartimento di Energetica, INFN sezione di Firenze)

Session Classification: Day 3

Contribution ID: 27

Type: **not specified**

Study of radiation damage induced by 24 GeV/c and 26 MeV protons on heavily irradiated Magnetic Czochralski and Float Zone silicon detectors

Friday, 7 October 2005 11:40 (20 minutes)

Author: , V. Radicci (Dipartimento Interateneo di Fisica & INFN - Bari)

Presenter: , V. Radicci (Dipartimento Interateneo di Fisica & INFN - Bari)

Session Classification: Day 3

Contribution ID: 28

Type: **not specified**

Response to heavy ions of 50mu thick DeltaE strip detectors produced by PPPP process

Friday, 7 October 2005 12:05 (20 minutes)

Author: , A. Kordyasz (Warsaw University)

Presenter: , A. Kordyasz (Warsaw University)

Session Classification: Day 3

Contribution ID: 29

Type: **not specified**

A Realistic Model For Hydrogenated Amorphous silicon n-i-p diodes

Friday, 7 October 2005 12:30 (20 minutes)

Author: , S. Saramad (CERN-Geneva)

Presenter: , S. Saramad (CERN-Geneva)

Session Classification: Day 3