

# **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:** PIOSSI, Michele (Univ + INFN)

**Presenter:** PIOSSI, 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

## 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 Dip. 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

7th International ... / Report of Contributions

## Radiation tolerance of commercial ...

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

7th International ... / Report of Contributions

## First electrical characterization of ...

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

# 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