

Session Program

2-6 Jun 2014



Tipp 2014 - Third International Conference on Technology and Instrumentation in Particle Physics

1.b Semiconductors

Beurs van Berlage

Tuesday 3 June

16:10

I.b Semiconductors: Session 1

Session | **Location:** Beurs van Berlage, Veilingzaal | **Convener:** Prof. Vincenzo Chiochia

16:30-16:50 **Silicon Sensors for High-Luminosity Trackers - RD50 Status Report**

Speaker
Susanne Kuehn

16:50-17:10 **Pixel sensors with different pitch layouts for ATLAS Phase-II upgrade**

Speaker
Paul Dervan

17:10-17:30 **Recent results of diamond radiation tolerance**

Speaker
Dr Dmitry Hits

17:30-17:50
Development of thin n-in-p pixel modules for the ATLAS upgrade at HL-LHC

Speaker
Anna Macchiolo

18:10

Thursday 5 June

11:00

I.b Semiconductors: Session 2

Session | **Location:** Beurs van Berlage, Berlagezaal | **Convener:** Jaap Velthuis

11:00-11:20

The High-Voltage Monolithic Active Pixel Sensor for the Mu3e Experiment

Speaker

Dr Shruti Shrestha

11:20-11:40

Development of CMOS Pixel Sensor Featuring Pixel-Level Discrimination for the ALICE-ITS Upgrade

Speaker

Tianyang WANG

11:40-12:00

New diamond detector structure and related front-end electronics for TOF application

Speaker

Lorenzo Paolozzi

12:00-12:20

Experimental results for the Cherwell 1 and 2 MAPS sensors

Speaker

Fergus Wilson

12:20-12:40

Monolithic pixel detectors fabricated with single and double SOI wafers

Speaker

Toshinobu Miyoshi

12:40

Friday 6 June

14:00

I.b Semiconductors: Session 3

Session | **Location:** Beurs van Berlage, Berlagezaal | **Convener:** Prof. Vincenzo Chiochia

14:00-14:20

Total Ionization Damage Compensations in Double Silicon-on-Insulator Pixel Sensors

Speaker

Shunsuke Honda

14:20-14:40

Utilization of novel Silicon Photomultipliers with bulk integrated quench resistors in tracking applications for particle physics.

Speaker

Mr Stefan Petrovics

14:40-15:00

COMETH: a CMOS pixel sensor for a highly miniaturized high-flux radiation monitor

Speaker

Yang ZHOU

15:00-15:20

Impact of Low-Dose Electron Irradiation on the Charge Collection of n+p Silicon Strip Sensors

Speaker

Mr Robert Klanner

15:20-15:40

The Pixel Luminosity Telescopes a Dedicated Luminosity Monitor for CMS

Speaker

Dean Andrew Hidas

15:40