

Session Program

16-21 Nov 2025



The 14th international "Hiroshima" Symposium on the Development and Application of Semiconductor Tracking Detectors (HSTD 14)

1. Pixel and Strip Sensors

Academia Sinica, 2F, Activities Center
128 Section 2, Academia Road, Nankang, Taipei 115201, Taiwan

Monday 17 November

15:50

1. Pixel and Strip Sensors: Mon-4

Session |
Location: Academia Sinica, 2F, Activities Center , 128 Section 2, Academia Road, Nankang, Taipei 115201, Taiwan

15:50-16:10

Test beam studies of MALTA2, a depleted monolithic active pixel sensor, using 180 GeV hadron beam at CERN SPS

Speaker
Anusree Vijay

16:10-16:30

Testing and Characterization of Wafer-Scale MAPS Prototypes for the ALICE ITS3 Upgrade

Speaker
Nicolas Tiltmann

16:30-16:50

Development of COFFEE3: an HVCMOS pixel sensor prototype in 55 nm process for high-energy particle tracking

Speaker
Yang ZHOU

16:50

Tuesday 18 November

09:00

1. Pixel and Strip Sensors: Tue-1

Session |

Location: Academia Sinica, 2F, Activities Center , 128 Section 2, Academia Road, Nankang, Taipei 115201, Taiwan

09:00–09:20

LF-MightyPix: A second HV-MAPS prototype for the LHCb Mighty Tracker

Speaker

Toko Hirono

09:20–09:40

An update on the CMS HGCAL

Speaker

CMS Collaboration

09:40–10:00

Investigations of the core column issue in ATLAS ITk pixel modules

Speaker

Craig Buttar

10:00–10:20

Quality Assurance during production of the ATLAS18 ITk strip sensors

Speaker

Robert S. Orr

10:20

10:50

1. Pixel and Strip Sensors: Tue-2

Session |

Location: Academia Sinica, 2F, Activities Center , 128 Section 2, Academia Road, Nankang, Taipei 115201, Taiwan

10:50–11:10

Evaluation of quality control (QC) of ATLAS18 production ITk strip sensors

Speaker

Pavla Federicova

11:10–11:30

Design and testbeam study of AMS-02 Layer-0 silicon strip detector ladders

Speaker

Dexing Miao

11:30–11:50

Evaluation of Radiation-Tolerant Photodiodes for CMOS Image Sensors

Speaker

Mr J. Deng

11:50–12:10

Impact of radiation damage to the performance of depleted monolithic active pixel sensors for Belle II vertex detector upgrade

Speaker

Shijie WANG

12:10