

Session Program

16-21 Nov 2025



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

0. Detector Concepts, Simulations

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

Monday 17 November

09:20

0. Detector Concepts, Simulations: Mon-1

Session |

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

09:20–09:40

Operational Experience and Performance with the ATLAS Pixel detector at the Large Hadron Collider at CERN

Speaker

Tobias Bisanz

09:40–10:00

Operational experience and performance of the Silicon Vertex Detector after the first long shutdown of Belle II

Speakers

Jim Libby, Kieran Amos

10:00–10:20

CMS Tracker Status, Challenges, and Performance in Run 3

Speakers

CMS Collaboration, Davide Zuolo

10:20

10:50

0. Detector Concepts, Simulations: Mon-2

Session |

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10:50–11:10

Phase-2 Upgrade of the ATLAS Inner Tracker

Speaker

Thomas Koffas

11:10–11:30

The ATLAS High-Granularity Timing Detector for the HL-LHC: project status and results

Speaker

Helena Santos

11:30–11:50

The CMS Tracker Upgrade for Phase-2: Meeting the Challenges of the HL-LHC

Speakers

Amrutha Samalan, CMS Collaboration

11:50–12:10

Vertex detector development for future lepton collider

Speaker

Zhijun Liang

12:10

14:00

0. Detector Concepts, Simulations: Mon-3

Session |

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14:00–14:20

ALICE 3 Silicon Tracker: Design, Status and Prospects

Speaker
Kshitij Agarwal

14:20–14:40

MAPS-based LHCb Upstream Pixel Tracker: challenges and development

Speaker
Yiming Li

14:40–15:00

The LHCb Mighty-Pixel Upgrade: HV-MAPS Silicon Tracking for the HL-LHC

Speaker
Tianqi Gao

15:00–15:15

Design and Characterization of a Radiation-Hardened CMOS Image Sensor Prototype

Speaker
Pengxu Li

15:20