Workshop for development and applications of fast-timing semiconductor devices

8th Dec 2018
@ University of Tsukuba,
Tokyo Campus (Otsuka) Room 117/119

Room 117

9:50-10:00 Kazuhiko Hara (U Tsukuba)

Welcome and Introduction

10:00-10:20 Kyoji Onaru (U Tsukuba)

Performance Evaluation of HPK Pad and Segmented LGAD Sensors

10:25-10:50 Sayaka Wada (U Tsukuba)

Timing results of HPK LGAD PD

11:00-11:20 Ryosuke Mori (Kyushu U)

Development of inverse-LGAD for PID application in ILC

11:30-11:50 Taiga Yamaya (NIRS, QST)

Radiation detectors for positron emission tomography

move to Room 119

12:00-12:20 Daiki Hayakawa (U Genève)

Development of fast, monolithic silicon pixel sensors in a SiGe Bi-CMOS process for TOF-PET

12:30-12:50 Sayaka Wada (U Tsukuba)

TCAD simulation of LGAD

<working lunch: bento>

13:00-13:20 Adriano Lai (U di Cagliari)

3D fast timing sensors and related electronics

13:30-13:50 Masahiko Saito (U Tokyo)

Tracking at FCC

14:00-14:20 Simon Mazza (UCSC)

LGAD Development for ATLAS HGTD

14:00-15:00 Koji Nakamura (KEK)

Summary and Prospects

By 16:00 Adjourn

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