

**Workshop for development  
and applications of fast-timing  
semiconductor devices**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Welcome and Introduction

*Saturday 8 December 2018 09:50 (10 minutes)*

**Presenter:** HARA, Kazuhiko (University of Tsukuba (JP))

Contribution ID: 2

Type: **not specified**

## **Performance Evaluation of HPK Pad and Segmented LGAD Sensors**

*Saturday 8 December 2018 10:05 (20 minutes)*

**Presenter:** ONARU, Kyoji (University of Tsukuba (JP))

Contribution ID: 3

Type: **not specified**

## Timing results of HPK LGAD PD

*Saturday 8 December 2018 10:30 (20 minutes)*

**Presenter:** WADA, Sayaka (University of Tsukuba)

Contribution ID: 4

Type: **not specified**

## **Development of inverse-LGAD for PID application in ILC**

*Saturday 8 December 2018 11:00 (20 minutes)*

**Presenters:** MORI, Ryosuke (Kyushu University); SUEHARA, Taikan (Kyushu University); SUEHARA, Taikan (Kyushu University (JP))

Contribution ID: 5

Type: **not specified**

## **TCAD simulation of LGAD**

*Saturday 8 December 2018 12:30 (20 minutes)*

**Presenter:** WADA, Sayaka (University of Tsukuba)

Contribution ID: 6

Type: **not specified**

## **LGAD application for ATLAS HGTD**

**Presenter:** MEZZA, Simon (UCSC)

Contribution ID: 7

Type: **not specified**

## **3D fast timing sensors and related electronics**

*Saturday 8 December 2018 13:00 (20 minutes)*

**Presenter:** LAI, Adriano (Universita e INFN, Cagliari (IT))



Contribution ID: 8

Type: **not specified**

## Tracking at FCC

*Saturday 8 December 2018 13:30 (20 minutes)*

**Presenter:** SAITO, Masahiko (University of Tokyo (JP))

Contribution ID: 9

Type: **not specified**

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

*Saturday 8 December 2018 12:00 (20 minutes)*

**Presenter:** HAYAKAWA, Daiki (Universite de Geneve (CH))

Contribution ID: **10**

Type: **not specified**

## **Radiation detectors for positron emission tomography**

*Saturday 8 December 2018 11:30 (20 minutes)*

**Presenter:** YAMAYA, Taiga (NIRS/QST)

Contribution ID: 11

Type: **not specified**

## Summary and Prospects

*Saturday 8 December 2018 14:30 (20 minutes)*

**Presenter:** NAKAMURA, Koji (High Energy Accelerator Research Organization (JP))

Contribution ID: 12

Type: **not specified**

## **TCAD simulation ofLGAD**

**Presenter:** WADA, Sayaka (University of Tsukuba (JP))

Contribution ID: 13

Type: **not specified**

## **LGAD Deevaluation for ATLAS HGTD**

*Saturday 8 December 2018 14:00 (20 minutes)*

**Presenter:** Dr MAZZA, Simone Michele (University of California,Santa Cruz (US))