

## **Session Program**

**22-23 May 2023**



## **4th Allpix Squared User Workshop**

### ***Applications and studies***

DESY, Hamburg, Germany, Seminar room 4  
Building 1B, 2nd floor

## Tuesday 23 May

13:00

### Applications and studies

**Session** | **Location:** DESY, Hamburg, Germany, Seminar room 4, Building 1B, 2nd floor | **Convener:** Simon Spannagel

13:00–13:25

#### A Timepix3 front-end simulator plugin for Allpix2

**Speaker**

Pinelopi Christodoulou

13:25–13:50

#### Assessing the Impact of Miscalibrating the RD53B-CMS Front End for the HL-LHC CMS Inner Tracker

**Speaker**

Andreas Mastronikolis

13:50–14:15

#### Reconstruction of high track density beams in beam tests

**Speaker**

Christopher Krause

14:15–14:40

#### Time Resolution Simulations for 4H-SiC PiN Detectors

**Speaker**

Andreas Gsponer

14:40–15:05

#### A look to Charge carrier properties in single-crystal diamonds using the Allpix-squared simulation framework

**Speaker**

Mr Faiz Ishaqzai

15:05