

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