

Session Program

2-6 Dec 2024

2nd DRD3 week on Solid State Detectors R&D

WG5 - Characterization

CERN, 500/1-001 - Main Auditorium

Tuesday 3 December

11:20

WG5 - Characterization

Session | **Location:** CERN, 500/1-001 - Main Auditorium

11:20-11:40 Introduction

Speakers

Bojan Hiti, Prof. Ivan Vila Alvarez

11:40-12:00 Status and plan of testbeam line at KEK

Speaker

Yuji Enari

12:00-12:20 Fluence profiling at JSI TRIGA reactor irradiation facility

Speakers

Igor Mandic, Valentina Sola

12:20-13:20 Lunch Break

13:20-13:40

SPS test-beam infrastructure extension for low temperature, fast triggering applications

Speaker

Dr Vagelis Gkougkousis

13:40-14:00

Study of advanced detectors for future accelerator facilities with ion beam microscopy

Speaker

Dr Georgios Provatas

14:00-14:20 EURO-LABS Oportunities for DRD3

Speaker

Prof. Marko Mikuz

14:20-14:40

Constellation - a flexible DAQ and control system for lab setups & test beams

Speaker

Simon Spannagel

14:40-15:00

Integrating Track Lab with Constellation for distributed DAQ of Timepix3 and Timepix4 detector networks.

Speaker

Mr Petr Manek

15:00-15:30 Coffee Break

15:30-15:50 Characterisation of fast sensors at the Timepix4 Telescope

Speaker

Dr Kevin Heijhoff

15:50-16:00

First Demonstration of the Three-Photon Absorption Transient Current Technique (3PA-TCT) in SiC p-in-n Diodes

Speaker

Dr Ivan Vila Alvarez

16:00-16:10

Development of next generation particle beam telescope using OBELIX chips

Speaker

Carlos Marinas Pardo

16:10-16:40

WG5 - Discussion

16:40