

Session Program

15-19 Apr 2024



12th Beam Telescopes and Test Beams Workshop

Sensors

Edinburgh, Nucleus Building, Yew Lecture Theatre
Scotland, United Kingdom

Thursday 18 April

11:10

Sensors: I

Session | **Location:** Edinburgh, Nucleus Building, Yew Lecture Theatre, Scotland, United Kingdom | **Convener:** Paul Schütze

11:10-11:30

Test Beam on monolithic pixel sensors test structures in the 65 nm technology for the ALICE ITS3 upgrade

Speaker

Stefania Perciballi

11:30-11:50

Testbeam results of single event effect studies on prototype memory chips for the ALICE ITS3 upgrade

Speaker

Timea Szollosova

11:50-12:10

Performance studies of AC coupled Low Gain Avalanche Pixel Detectors at Diamond Light Source

Speaker

Neil Moffat

12:10

Friday 19 April

11:10

Sensors: II

Session | **Location:** Edinburgh, Nucleus Building, Yew Lecture Theatre, Scotland, United Kingdom | **Convener:** Neil Moffat

11:10-11:30

Charge Collection Studies for HV-MAPS

Speaker

Ruben Kolb

11:30-11:50

Characterizing of MIMOSIS-1 CMOS Monolithic Active Pixel Sensor Using a 25 MeV Proton Beam at Cyrce

Speaker

Ali Murteza ALTINGUN

11:50-12:10

Impact of incidence angles on MuPix10 performance

Speaker

Annie Meneses Gonzalez

12:10-12:30

Laboratory Characterization of an H2M Monolithic Pixel Detector Prototype

Speaker

Judith Schlaadt

12:30-12:50

Picosec: optimization of a fast timing detector for its application at a future muon collider experiment

Speaker

Matteo Brunoldi

12:50