

Session Program

1-6 Oct 2023



TWEPP 2023 Topical Workshop on Electronics for Particle Physics

System Design, Description and Operation

Geremeas, Sardinia, Italy
Calaserena Village, Geremeas, Quartu S.Elena, Sardinia (Italy)

Thursday 5 October

09:00

System Design, Description and Operation

Session | Location: Mistral Room | Convener: Andrea Boccardi

09:00–09:20

Design and implementation of the Hybrid Detector for Microdosimetry (HDM): Challenges in readout architecture and experimental results

Speaker

Enrico Pierobon

09:20–09:40

HEPS-BPIX40: the upgrade of the hybrid pixel detector for the High Energy Photon Source

Speaker

Jie Zhang

09:40–10:00

A readout system based on SiPM for the dRICH detector at the EIC

Speaker

Luigi Pio Rignanese

10:00

11:20

System Design, Description and Operation

Session | Location: Mistral Room | Convener: Jean-Pierre Cachemiche

11:20–11:40

ALICE ITS3: a bent stitched MAPS-based vertex detector

Speaker

Ola Slettevoll Groettvik

11:40–12:00

The LHCb VELO Upgrade II: design and development of the readout electronics

Speaker

Antonio Fernandez Prieto

12:00–12:20

SciFi Front-End Electronics: Calibration and Results on detector performance

Speaker

Ulisses de Freitas Carneiro da Graca

12:20

15:20

System Design, Description and Operation

Session | Location: Mistral Room | Convener: Hucheng Chen

15:20–15:40

Outer Barrel services chain characterization for the ATLAS ITk Pixel Detector

Speaker

Leyre Flores Sanz De Acedo

15:40–16:00

ATLAS LAr Calorimeter Commissioning for LHC Run-3

Speakers

Florent Bernon, LAr speaker committee

16:00-16:20

Cryogenic Charge Readout Electronics for the ProtoDUNE-II Program and DUNE

Speakers

Roger Guo Huang, Roger Huang

16:20

Friday 6 October

09:00

System Design, Description and Operation

Session | Location: Mistral Room | Convener: Andrea Boccardi

09:00–09:20

Design and performance of the front-end electronics of the charged particle detectors of PADME experiment

Speaker

Simeon Ivanov

09:20–09:40

From 3D to 5D tracking: SMX ASIC-based Double-Sided Micro-Strip detectors for comprehensive space, time, and energy measurements

Speaker

Maksym Teklishyn

09:40