

TWEPP 2022 Topical Workshop on Electronics for Particle Physics

Wednesday 21 September 2022

Systems, Planning, Installation, Commissioning and Running Experience (14:00 - 15:00)

-Conveners: Jean-Pierre Cachemiche; Alex Kluge

time	[id] title	presenter
14:00	[97] SAFIR a PET-insert for MRI	Dr LUSTERMANN, Werner
14:20	[35] AGIPD systems: performance optimization challenges and new developments.	Dr KLUJEV, Alexander
14:40	[121] Development and readout of novel Hybrid Detector for Microdosimetry (HDM)	PIEROBON, Enrico

Systems, Planning, Installation, Commissioning and Running Experience (15:30 - 16:10)

-Conveners: Alex Kluge; Jean-Pierre Cachemiche

time	[id] title	presenter
15:30	[163] The readout system for the tracker of the High-Energy Particle Detector on board the CSES-02 satellite	GEBBIA, Giuseppe
15:50	[102] The Mu2e electromagnetic calorimeter: readout electronic and qualification	PEDRESCHI, Elena

Thursday 22 September 2022

Systems, Planning, Installation, Commissioning and Running Experience (09:00 - 10:00)

-Conveners: Alex Kluge; Jean-Pierre Cachemiche

time	[id] title	presenter
09:00	[179] Pixel detector hybridisation and integration with Anisotropic Conductive Films	SCHMIDT, Janis Viktor
09:20	[91] Design and testing of long Flexible Printed Circuits for the ATLAS High Granularity Timing Detector demonstrator	ROBLES, Maria
09:40	[89] Development of novel low-mass module concepts based on MALTA monolithic pixel sensors	WEICK, Julian

Systems, Planning, Installation, Commissioning and Running Experience (14:00 - 15:00)

-Conveners: Hucheng Chen; Ken Wyllie

time	[id] title	presenter
14:00	[3] Design and Prototyping of the CMS Phase-2 Trigger And Timing Distribution System	HEGEMAN, Jeroen
14:20	[42] Complete design of maximally-automated self-driven control mechanism for a large scale electronics system and its implementation to the ATLAS Phase-II TGC system	AOKI, Takumi
14:40	[37] Lessons learnt from the first vertical slice of the CMS Outer Tracker	FEDI, Giacomo

Systems, Planning, Installation, Commissioning and Running Experience (16:15 - 16:35)

-Conveners: Hucheng Chen; Ken Wyllie

time	[id] title	presenter
16:15	[122] Design and Performance Optimisation of the Hexaboards for CMS HGCALE On-Cassette Readout Electronics	Mr KHAN, Fakhri Alam

Friday 23 September 2022

Systems, Planning, Installation, Commissioning and Running Experience (09:00 - 10:00)

-Conveners: Hucheng Chen; Ken Wyllie

time	[id] title	presenter
09:00	[84] The CMS Muon Drift Tubes HL-LHC Upgrade Demonstrator at Run 3 Start	REDONDO FERNANDEZ, Ignacio
09:20	[69] Commissioning and running experience with the CMS GE1/1 system	PÉTRÉ, Laurent
09:40	[56] TEPX as a high-precision luminosity detector for CMS at the HL-LHC	HARANKO, Mykyta

Systems, Planning, Installation, Commissioning and Running Experience (11:20 - 12:00)

-Conveners: Hucheng Chen; Ken Wyllie

time	[id] title	presenter
11:20	[198] Status and recent extensions of the Caribou DAQ System	BUSCHMANN, Eric
11:40	[199] Development of a high-rate Scalable Readout System for gaseous detectors	FLOETHNER, Jonathan SCHARENBERG, Lucian