TWEPP 2023 Topical Workshop on Electronics for Particle Physics

Thursday 5 October 2023

Module, PCB and Component Design - Sirocco Room (09:00 - 10:00)

-**Conveners: Ken Wyllie**

time	[id] title	presenter
09:00	[186] Real-time Signal Processing and Data Acquisition for the Electric Field Detector (EFD-02) on the CSES-02 satellite	REBUSTINI, GIammaria REBUSTINI, Gianmaria
09:20	[206] The OBDT-theta board: time digitization for the theta view of Drift Tubes chambers.	SASTRE ALVARO, Javier
09:40	[85] The Trigger & Data Acquisition interface module of the Tile Calorimeter for the ATLAS Phase- II Upgrade	MKRTCHYAN, Tigran

Module, PCB and Component Design - Sirocco Room (11:20 - 12:20)

-**Conveners: David Gascon**

time	[id] title	presenter
11:20	[218] Lessons from integrating CMS Phase-2 back-end electronics and first results from Serenity-S1, a production optimised ATCA blade.	MEHNER, Torben
11:40	[228] Design, production and irradiation results of the new advanced front end electronics of CMS iRPC	GOUZEVITCH, Maxime
12:00	[174] Constant Fraction Discriminator for NA62 experiment at CERN	ZAMKOVSKY, Michal

Friday 6 October 2023

Module, PCB and Component Design - Mistral Room (10:10 - 10:50)

 -Conveners: Ken Wyllie

time	[id] title	presenter
10:10	[172] The development of a laser system for use in the timing performance measurements of CMS HGCAL silicon modules	KHAN, Fakhri Alam
10:30	[195] Front End Board for Large Area SiPM Detector	VENETTACCI, Carlo