



# TWEPP 2024 Topical Workshop on Electronics for Particle Physics

## Wednesday, 2 October 2024

### Module, PCB and Component Design (14:00 - 15:00)

time	[id] title	presenter
14:00	[152] Design, Construction, and Testing of the APOLLO ATCA Blades for Use at the HL-LHC	MADORSKY, Alexander FULCHER, Jonathan Dr ZOU, Rui DEMIRAGLI, Zeynep
14:20	[6] Phase-2 CMS DAQ -- Growing from prototype boards to demonstrator systems	HEGEMAN, Jeroen
14:40	[165] Technical challenges designing a prototype common readout board for LHCb future upgrades	LANGOUËT, Julien Jiro

### Module, PCB and Component Design (15:30 - 16:10)

time	[id] title	presenter
15:30	[149] Development of readout electronics for a high-speed event-driven neutron imaging detector based on Timepix4	LI, Qikai
15:50	[142] Design, test and performance of a PicoTDC based board	FALCHIERI, Davide

# Friday, 4 October 2024

## Module, PCB and Component Design (10:30 - 11:10)

time	[id] title	presenter
10:30	[79] Design and Implementation of a Compact Analog Constant Fraction Discriminator for High-Resolution Timing in Gamma-Ray Spectroscopy	WIEBUSCH, Michael
10:50	[125] KALYPSO LGAD - A MHz repetition rate line camera based on trench isolated low gain avalanche detector	PATIL, Meghana