

TIPP 2021

Tuesday, May 25, 2021

Readout: Front-end electronics: Tuesday Early (5:30 AM - 7:00 AM)

-Conveners: Frederic Nolet; Christophe De La Taille

time	[id] title	presenter
5:30 AM	[1025] Analog performance of ITkPix-V1 pixel readout chip	YANG, Hongtao
5:48 AM	[1080] Development of Low Temperature Analog Readout (LTARS 2018) for LAr-TPC	Mr KOSAKA, Takuto
6:06 AM	[1044] Cold Readout Electronics for Liquid Argon TPCs in the DUNE experiment	GAO, Shanshan
6:24 AM	[1013] RD53 pixel chips for the ATLAS and CMS Phase-2 upgrades at HL-LHC	LODDO, Flavio
6:42 AM	[1084] Development of the ATLAS Liquid Argon Calorimeter Readout Electronics for the HL-LHC	PANCHAL, Devanshu Kiran

Readout: Front-end electronics: Tuesday Late (9:30 AM - 11:00 AM)

-Conveners: Paul Leroux; Jean-Francois Pratte

time	[id] title	presenter
9:30 AM	[1005] Pixel detector hybridization and integration with Anisotropic Conductive Films	VICENTE BARRETO PINTO, Mateus
9:48 AM	[1081] Performance of the "IRSX" multi-GSa/s, Switched Capacitor Array Waveform Sampling Frontend ASIC	HARTBRICH, Oskar
10:06 AM	[1011] Low Background Readout Electronics for Large Area Silicon Photomultipliers	FABBRI, Andrea
10:24 AM	[1009] Development of a timing chip prototype in 110 nm CMOS technology	Mr SENGER, Matias
10:42 AM	[1029] Readout of Large Capacitance SiPMs in Noble Liquid TPCs	RESCIA, Sergio

Thursday, May 27, 2021

Readout: Front-end electronics: Thursday Middle (7:30 AM - 9:00 AM)

-Conveners: Jean-Francois Pratte; Leonid Kurchaninov

time	[id] title	presenter
7:30 AM	M035] Single Event Effects Testing of the RD53B chip	MENOUNI, Mohsine
7:48 AM	M012] Low-radioactivity large-scale silicon interposer technology for particle physics experiments	Mr DESLANDES, Keven
8:06 AM	M058] pSLIDER32: a 32 channels mixed-signal processor for the GAPS Si(Li) Tracker	MANGHISONI, Massimo
8:24 AM	M071] Upgrade of the ATLAS Monitored Drift Tube Frontend Electronics for the HL-LHC	GUO, Yuxiang GUO, Yuxiang
8:42 AM	M092] Electronics and Triggering Challenges for the CMS High-Granularity Calorimeter	NOY, Matthew