

January 2024 ePIC Collaboration Meeting

Tuesday, January 9, 2024

AC-LGAD: Detector Requirements and Status - E1100/E1200 (8:00 AM - 9:45 AM)

-Conveners: Zhenyu Ye

time	[id] title	presenter
8:00 AM	[154] Introduction (10')	YE, Zhenyu
8:10 AM	[155] Barrel TOF (12'+3')	YANO, Satoshi
8:25 AM	[156] Forward TOF (12'+3')	LI, Wei
8:40 AM	[157] Far-forward AC-LGAD Detectors (20'+5')	JENTSCH, Alexander
9:05 AM	[159] Luminosity tracker (12'+3')	GANGADHARAN, Dhevan
9:20 AM	[160] Discussion (20')	

AC-LGAD: Sensor - E1100/E1200 (10:15 AM - 12:00 PM)

-Conveners: Alessandro Tricoli

time	[id] title	presenter
10:15 AM	[145] Experience with LGAD sensor development for CMS ETL (20'+5')	MADRID, Christopher
10:40 AM	[146] AC-LGAD sensor production at BNL (10'+5')	GIACOMINI, Gabriele
10:55 AM	[147] AC-LGAD sensor lab test (10'+5')	OTT, Jennifer
11:10 AM	[148] AC-LGAD sensor beam test (10'+5')	NANDA, Shirsendu
11:25 AM	[149] AC-LGAD sensor irradiation test (10'+5')	MAZZA, Simone
11:40 AM	[150] Discussion	

AC-LGAD: ASIC and interconnection - E1100/E1200 (1:00 PM - 2:45 PM)

-Conveners: Dominique Marchand

time	[id] title	presenter
1:00 PM	[177] Experience with ASIC Development for CMS ETL (20+5')	Dr LIU, Ted
1:25 PM	[178] EICROC (17+3')	DE LA TAILLE, Christophe
1:45 PM	[179] FCFD (17+3')	APRESYAN, Artur APRESYAN, Artur
2:05 PM	[180] Sensor-ASIC Interconnection (17+3')	BENOIT, Mathieu
2:25 PM	[181] Discussion	

AC-LGAD: Electronics - E1100/E1200 (3:15 PM - 5:00 PM)

-Conveners: Zhangbu Xu

time	[id] title	presenter
3:15 PM	[182] Introduction (15+5')	LJUBICIC, Tonko

3:35 PM	[183] Low-mass Kapton PCB (17+3')	HARTBRICH, Oskar
3:55 PM	[184] Service Hybrid (17+3')	LI, Wei
4:15 PM	[185] Backend electronics (17+3')	XU, Zhangbu
4:35 PM	[186] Discussion (25')	

Wednesday, January 10, 2024

AC-LGAD: EICROC0 Demonstration - Clean Room (8:00 AM - 9:45 AM)

-Conveners: Prithwish Tribedy

time	[id] title	presenter
8:00 AM	[227] Demonstration	TRIBEDY, Prithwish

AC-LGAD: Detector Module - E1200 (1:00 PM - 2:15 PM)

-Conveners: Matthew Gignac

time	[id] title	presenter
1:00 PM	[151] BTOF Module assembly procedure and requirements	GIGNAC, Matthew
1:25 PM	[152] FTOF Module assembly procedure and requirements	BENOIT, Mathieu
1:50 PM	[153] Discussion	

AC-LGAD: Mechanical Structures and Cooling - E1200 (2:45 PM - 3:45 PM)

-Conveners: Andreas Werner Jung

time	[id] title	presenter
2:45 PM	[225] Status of barrel TOF plank / support design	KARMAKAR, Sushrut
3:05 PM	[226] TOF Staves Prototype Simulation and Testing	YANG, Yi WANG, Yu-Tang
3:25 PM	[228] TOF Support Structure & Next steps	JUNG, Andreas Werner