Belle II Trigger/DAQ Workshop 2022

Wednesday, 30 November 2022

DAQ: TTD and COPPER (09:00 - 10:30)

-**Conveners: Mikihiko Nakao**

time	[id] title	presenter
09:00	[77] FTSW firmware overhaul project	NAKAO, Mikihiko
09:20	[115] FTSW4 development status	NAKAO, Mikihiko
09:40	[116] TTD software for non-stop DAQ	NAKAO, Mikihiko
10:00	[80] Discussion	
10:15	[79] History of COPPER based readout	YAMADA, Satoru

DAQ: Event Builder and HLT (10:50 - 12:30)

-**Conveners: Mikihiko Nakao**

time	[id] title	presenter
10:50	[81] Event Builder	Y. SUZUKI, Soh
11:20	[82] Discussion	
11:30	[83] HLT operation history and new framework	ITOH, Ryosuke
12:00	[113] HLT test bench	LEE, Chanyoung
12:20	[84] Discussion	

DAQ: DAQ upgrade (replacement of readout syetem) (13:30 - 15:05)

-**Conveners: Satoru Yamada**

time	[id] title	presenter
13:30	[48] Overall status and commissioning in LS1	YAMADA, Satoru
13:50	[49] Belle2link implementation and data-error check	LAI, Yun-Tsung
14:05	[50] B2tt firmware	Dr LEVIT, Dmytro
14:20	[51] Slow-control preparation for SVD	ZHOU, Qidong
14:35	[52] Slow-control preparation for CDC and ECL	PURWAR, Harsh
14:50	[54] Slow-control preparation for ARICH and TRG	LAI, Yun-Tsung

DAQ: DAQ upgrade (further improvements) (15:25 - 16:35)

-**Conveners: Satoru Yamada**

time	[id] title	presenter
15:25	[55] Software assited event-building	Dr LEVIT, Dmytro
15:45	[56] Development at IJClab : Double PCIexpress and optical b2tt	LAU, Tak-Shun
16:05	[58] Interface between FEE and PCIe40	Dr LEVIT, Dmytro

16:20	[57] DAQ upgrade paper	PURWAR, Harsh

DAQ: DAQ network (16:45 - 17:45)

-Conveners: Mikihiko Nakao

time	[id] title	presenter
16:45	[117] DAQ servers and network	NAKAO, Mikihiko
17:15	[118] Discussion	

16:20	[57] DAQ upgrade paper	PURWAR, Harsh

DAQ: DAQ network (16:45 - 17:45)

-Conveners: Mikihiko Nakao

time	[id] title	presenter

Thursday, 1 December 2022

DAQ: STORE and ExpReco (09:00 - 10:30)

-Conveners: Seokhee Park

time	[id] title	presenter
09:00	[85] STORE upgrade	Mr PARK, Seokhee
09:20	[87] Discussion	
09:35	[86] ExpressReco upgrade	Mr PARK, Seokhee
09:55	[88] ExpressReco sampling and performance test	JACOBI, Daniel
10:15	[89] Discussion	

DAQ: DQM and MiraBelle (10:50 - 12:30)

-Conveners: Bjoern Spruck

time	[id] title	presenter
10:50	[100] DQM status and upgrade plans	SPRUCK, Bjoern
11:15	[141] MiraBelle status and future plans	SANTELJ, Luka
11:30	[135] DQM SVD	TENCHINI, Francesco
11:35	[139] DQM ARICH	SANTELJ, Luka
11:40	[134] DQM CDC	NAKAZAWA, Yu
11:45	[133] DQM ECL	REMNEV, Mikhail
	- [1] DQM PXD	
11:50	[136] DQM KLM	BANERJEE, Swagato
11:55	[140] DQM PXD	SPRUCK, Bjoern
12:00	[137] DQM TOP	PURWAR, Harsh
12:05	[138] DQM TRG	
12:10	[102] Discussion	

DAQ: Slow Control and DCS (15:30 - 17:50)

-Conveners: Takuto Kunigo

time	[id] title	presenter
15:30	[93] Status of Slow Control	KUNIGO, Takuto
16:00	[94] Discussion	
16:15	[95] DCS status	KUNIGO, Takuto
16:35	[96] EPICS based DCS	SPRUCK, Bjoern
16:55	[97] OPC based DCS	KUNIGO, Takuto
17:15	[98] Alarm system and Phebus upgrade	Dr RITZERT, Michael
17:35	[99] Discussion	