20th International Conference on Computing in High Energy and Nuclear Physics (CHEP2013)

Monday 14 October 2013

Data Acquisition, Trigger and Controls: I - Verwey Kamer (13:30-15:00)

-Conveners: Niko Neufeld

time	[id] title	presenter
13:30	[165] The LHCb Data Acquisition during LHC Run 1	SCHWEMMER, Rainer
13:50	[466] The artdaq Data Acquisition Software Toolkit	KOWALKOWSKI, Jim
14:10	[390] The IceCube Neutrino Observatory DAQ and Online System	HANSON, Kael
14:30	[503] Algorithms, performance, and development of the ATLAS High-level trigger	NAGANO, Kunihiro

Data Acquisition, Trigger and Controls: II - Verwey Kamer (15:45-17:15)

-Conveners: Andrew Norman

time	[id] title	presenter
15:45	[12] The H.E.S.S. Phase II Data Acquisition System	Mr BALZER, Arnim
16:05	[435] The NOvA Far Detector Data Acquisition System	ZALESAK, Jaroslav
16:25	[468] The Data Acquisition System for DarkSide-50	Dr JONES, Christopher
16:45	[429] An Event Building scenario in the trigger-less PANDA experiment	Dr KARABOWICZ, Radoslaw

Data Acquisition, Trigger and Controls: III - Verwey Kamer (17:25-18:10)

-Conveners: Tass Belias

time	[id] title	presenter
17:25	[21] The readout and control system of the mid-size telescope prototype of the Cherenkov Telescope Array	Dr OYA, Igor
17:45	[443] Synchronization of a the 14 kTon Neutrino Detector with the Fermilab Beam	NINER, Evan

Tuesday 15 October 2013

Data Acquisition, Trigger and Controls: IV - Verwey Kamer (13:30-15:00)

-Conveners: Vivian O'Dell

time	[id] title	presenter
13:30	[430] NaNet: a low-latency NIC enabling GPU-based, real-time low level trigger systems.	LONARDO, Alessandro
13:50	[87] 10Gbps TCP/IP streams from the FPGA for High Energy Physics	ZEJDL, Petr
14:10	[18] A PCIe GEn3 based readout for the LHCb upgrade.	SCHWEMMER, Rainer
14:30	[43] FPGA based data acquisition system for COMPASS experiment	NOVY, Josef

Data Acquisition, Trigger and Controls: V - Verwey Kamer (15:45-17:15)

-Conveners: Andrew Norman

time	[id] title	presenter
15:45	[35] Deferred High Level Trigger in LHCb: A Boost to CPU Resource Utilization	FRANK, Markus
16:05	[362] The core trigger software framework of the ATLAS experiment	BOLD, Tomasz
16:25	[72] Prototype of a File-Based High-Level Trigger in CMS	Dr MOMMSEN, Remi
16:45	[389] O2: a new combined online and offline > computing for ALICE after 2018	Mr VANDE VYVRE, Pierre

Data Acquisition, Trigger and Controls: VI - Verwey Kamer (17:25-18:10)

-Conveners: Tass Belias

time	[id] title	presenter
17:25	[33] Implementation of a PC-based Level 0 Trigger Processor for the NA62 Experiment	GIANOLI, Alberto
17:45	[480] K-long and muon trigger in the Belle II experiment	PIILONEN, Leo

Thursday 17 October 2013

Data Acquisition, Trigger and Controls: VII - Verwey Kamer (11:00-12:30)

-Conveners: Niko Neufeld

time	[id] title	presenter
11:00	[211] The CMS High Level Trigger	TROCINO, Daniele
11:20	[124] Review of the LHCb Higher Level Trigger operations and performance during 2010-2012	ALBRECHT, Johannes
11:40	[426] A First Look at the NOvA Far Detector Data Driven Trigger System	NORMAN, Andrew
12:00	[359] The evolution of the Trigger and Data Acquisition System in the ATLAS experiment	GARELLI, Nicoletta

Data Acquisition, Trigger and Controls: VIII - Verwey Kamer (13:30-15:00)

-Conveners: Vivian O'Dell

time	[id] title	presenter
13:30	[139] The new CMS DAQ system for LHC operation after 2014 (DAQ2)	HOLZNER, Andre Georg
13:50	[447] State Machine Operation of the MICE Cooling Channel	HANLET, Pierrick
14:10	[78] Many-core applications to online track reconstruction in HEP experiments	Ms AMERIO, Silvia
14:38	[74] Automating the CMS DAQ	SAKULIN, Hannes