

Belle II Trigger and Data Acquisition Workshop – 2012

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome/overview

Monday, January 16, 2012 9:00 AM (10 minutes)

Primary author: Prof. VARNER, Gary (University of Hawaii)

Presenter: Prof. VARNER, Gary (University of Hawaii)

Contribution ID: 1

Type: **not specified**

Goals and Plans for this Belle II Trigger and DAQ Workshop

Monday, January 16, 2012 9:10 AM (20 minutes)

Primary author: Prof. ITOH, Ryosuke (KEK)

Presenter: Prof. ITOH, Ryosuke (KEK)

Contribution ID: 2

Type: **not specified**

Status of the KLM front-end systems (barrel and endcap)

Monday, January 16, 2012 9:30 AM (30 minutes)

Primary author: Prof. PIILONEN, Leo (Virginia Tech)

Presenters: Dr LIVENTSEV, Dmitri (KEK); VISSER, Gerard (Indiana U.)

Contribution ID: 3

Type: **not specified**

Status of the ECL DAQ subsystems

Monday, January 16, 2012 10:00 AM (30 minutes)

Primary author: Dr ZHULANOV, Vladimir (BINP)

Co-authors: Prof. KUZMIN, Alex (BINP); Dr AULCHENKO, V. (BINP); Dr USOV, Yu. (BINP)

Presenter: Dr ZHULANOV, Vladimir (BINP)

Contribution ID: 4

Type: **not specified**

Status of the TOP front-end/DAQ

Monday, January 16, 2012 11:00 AM (30 minutes)

Primary author: Dr NISHIMURA, Kurtis (University of Hawaii)

Presenters: Dr NISHIMURA, Kurtis (University of Hawaii); ANDREW, Matt (University of Hawaii)

Contribution ID: 5

Type: **not specified**

Status of Aerogel RICH DAQ

Monday, January 16, 2012 11:30 AM (30 minutes)

Presenter: Prof. NISHIDA, Shohei (KEK)

Contribution ID: 6

Type: **not specified**

Status of the CDC front-end/DAQ

Monday, January 16, 2012 1:30 PM (30 minutes)

Presenter: Prof. UNO, Shoji (KEK)

Contribution ID: 7

Type: **not specified**

Status of the SVD front-end/DAQ

Monday, January 16, 2012 2:00 PM (30 minutes)

Presenter: Prof. HARA, Koji (KEK)

Contribution ID: 8

Type: **not specified**

Status of the PXD front-end/DAQ

Monday, January 16, 2012 2:30 PM (15 minutes)

Presenter: Prof. KIESLING, Christian (MPI Munich)

Contribution ID: 9

Type: **not specified**

Update on common DAQ component radiation hardness

Monday, January 16, 2012 3:30 PM (30 minutes)

Primary author: Prof. TAKEO, Higuchi (KEK)

Presenter: Prof. TAKEO, Higuchi (KEK)

Contribution ID: **10**

Type: **not specified**

Space issues – overview and discussion

Wednesday, January 18, 2012 3:30 PM (15 minutes)

Contribution ID: 11

Type: **not specified**

Timing and Trigger distribution System update

Tuesday, January 17, 2012 11:15 AM (1h 30m)

Primary author: Prof. NAKAO, Mikihiro (KEK)

Contribution ID: 12

Type: **not specified**

Belle2Link update

Contribution ID: 13

Type: **not specified**

KLM Trigger status

Tuesday, January 17, 2012 9:00 AM (30 minutes)

Presenters: Mr KUNKLER, Brandon (Indiana U.); Prof. PIILONEN, Leo (VPI)

Contribution ID: 14

Type: **not specified**

Belle2link and DAQ tutorials

Tuesday, January 17, 2012 3:30 PM (1h 30m)

Presenters: Prof. NAKAO, Mikihiko (KEK); Prof. LIU, Zhen'An (IEHP)

Contribution ID: 15

Type: **not specified**

Belle II Event builder

Wednesday, January 18, 2012 9:00 AM (45 minutes)

Presenter: Dr SUZUKI, S.Y. (KEK)

Contribution ID: **16**

Type: **not specified**

Data flow in the Belle II DAQ

Wednesday, January 18, 2012 11:00 AM (30 minutes)

Presenter: Prof. ITOH, Ryosuke (KEK)

Contribution ID: 17

Type: **not specified**

Requirements for Belle II Run/Slow Control

Wednesday, January 18, 2012 1:30 PM (15 minutes)

(list of items to be controlled)

Primary author: Dr SUZUKI, S.Y. (KEK)

Presenter: Prof. NAKAO, Mikihiro (KEK)

Contribution ID: **18**

Type: **not specified**

Space and Services issues

E-hut, On-detector layout

Power supply locations/cooling

Plans for detector grounding plan

Contribution ID: 19

Type: **not specified**

Closing Remarks (& contingency)

Wednesday, January 18, 2012 4:15 PM (45 minutes)

Presenter: Prof. ITOH, Ryosuke (KEK)

Contribution ID: **20**

Type: **not specified**

Summary of the Workshop

Wednesday, January 18, 2012 3:45 PM (30 minutes)

Presenters: Prof. HIGUCHI, Takeo (High Energy Accelerator Research Organization); Prof. IWASAKI, Yoshihito (KEK)

Contribution ID: **21**

Type: **not specified**

Subdetector radiation hardness status and plans

Monday, January 16, 2012 4:00 PM (1 hour)

Contribution ID: 22

Type: **not specified**

Discussion on Trigger rate/data size reduction

Tuesday, January 17, 2012 2:00 PM (1 hour)

Presenter: Prof. ITOH (CHAIR DISCUSSION), R. (KEK)

Contribution ID: 23

Type: **not specified**

NSM Update

Wednesday, January 18, 2012 1:45 PM (15 minutes)

Contribution ID: 24

Type: **not specified**

PVSS option for Belle II

Wednesday, January 18, 2012 2:00 PM (15 minutes)

Presenter: SOMMER, Stephan (Technical University of Munich)

Contribution ID: 25

Type: **not specified**

Run Control scheme

COPPER and Belle2link control and error recovery in the data path

Primary author: Prof. NAKAO, Mikihiro (KEK)

Presenter: Prof. NAKAO, Mikihiro (KEK)

Contribution ID: 26

Type: **not specified**

PXD Integration

Wednesday, January 18, 2012 9:45 AM (45 minutes)

Presenter: Prof. HIGUCHI, T. (KEK)

Contribution ID: 27

Type: **not specified**

HLT status

Wednesday, January 18, 2012 11:30 AM (30 minutes)

Presenter: Prof. ITOH, R. (for S.H. Lee)

Contribution ID: 28

Type: **not specified**

DQM and Prompt Reconstruction

Wednesday, January 18, 2012 12:00 PM (30 minutes)

Presenter: Prof. ITOH, Ryosuke (KEK)

Contribution ID: 29

Type: **not specified**

ECL Trigger status

Tuesday, January 17, 2012 9:30 AM (15 minutes)

Presenter: Prof. CHEON, ByungGu (HanYang U.)

Contribution ID: **30**

Type: **not specified**

TOP Trigger status

Tuesday, January 17, 2012 9:45 AM (15 minutes)

Presenters: Dr MACCHIARULO, Luca (University of Hawaii); GAO, Xin (University of Hawaii)

Contribution ID: **31**

Type: **not specified**

Status of the conventional 3D track trigger

Tuesday, January 17, 2012 10:00 AM (20 minutes)

Presenter: Prof. WON, Eunil (Korea U.)

Contribution ID: 32

Type: **not specified**

Status of planning for a Neuromorphic CDC Trigger

Tuesday, January 17, 2012 10:20 AM (20 minutes)

Presenter: Dr MEIER, Karlheinz (Univ. of Heidelberg)

Contribution ID: **33**

Type: **not specified**

GDL status

Tuesday, January 17, 2012 10:40 AM (20 minutes)

Presenter: Prof. IWASAKI, Yoshihito (KEK)

Contribution ID: **34**

Type: **not specified**

Status of PXD Power Supply Firmware

Monday, January 16, 2012 2:45 PM (15 minutes)

Presenter: SOMMER, Stephan (Technical University of Munich)

Contribution ID: 35

Type: **not specified**

Update from Giessen (PXD CN)

Tuesday, January 17, 2012 8:45 AM (15 minutes)

Presenter: Prof. LANGE, Soeren (Univ. of Giessen)

Contribution ID: **36**

Type: **not specified**

Parking for tomorrow

Tuesday, January 17, 2012 8:40 AM (5 minutes)