

# Belle II Computing Workshop



## Report of Contributions

Contribution ID: 0

Type: **not specified**

# The basf2 Framework

**Primary author:** MOLL, Andreas (MPI Munich)

**Presenter:** HARA, Takanori (KEK)

Contribution ID: 1

Type: **not specified**

# The basf2 Framework

*Wednesday 16 June 2010 09:30 (40 minutes)*

**Primary author:** MOLL, Andreas (MPI Munich)

**Presenter:** Dr HARA, Takanori (KEK)

**Session Classification:** Off-line and HLT Software

Contribution ID: 2

Type: **not specified**

## Design of basf2

*Wednesday 16 June 2010 10:10 (40 minutes)*

**Primary author:** MOLL, Andreas (MPI Munich)

**Presenter:** Dr HARA, Takanori (KEK)

**Session Classification:** Off-line and HLT Software

Contribution ID: 3

Type: **not specified**

## Status of pbasf2

*Wednesday 16 June 2010 11:10 (20 minutes)*

**Primary author:** Prof. ITOH, Ryosuke (KEK)

**Presenter:** Prof. ITOH, Ryosuke (KEK)

**Session Classification:** Off-line and HLT Software

Contribution ID: 4

Type: **not specified**

## **Architecture of Belle II HLT and Requirements to reconstruction software**

*Wednesday 16 June 2010 11:30 (30 minutes)*

**Primary author:** Prof. ITOH, Ryosuke (KEK)

**Presenter:** Prof. ITOH, Ryosuke (KEK)

**Session Classification:** Off-line and HLT Software

Contribution ID: 5

Type: **not specified**

## **Discussion on HLT and reconstruction software**

*Wednesday 16 June 2010 12:00 (30 minutes)*

**Session Classification:** Off-line and HLT Software

Contribution ID: 6

Type: **not specified**

## Status and plans of tracking studies in Vienna

*Wednesday 16 June 2010 14:30 (15 minutes)*

**Primary author:** Dr MITAROFF, Winfried (Austrian Academy of Sciences / Institute of High Energy Physics (HEPHY))

**Presenter:** Dr MITAROFF, Winfried (Austrian Academy of Sciences / Institute of High Energy Physics (HEPHY))

**Session Classification:** Off-line and HLT Software



Contribution ID: 7

Type: **not specified**

## **dE/dx for pattern recognition**

*Wednesday 16 June 2010 14:50 (20 minutes)*

**Primary author:** Mr ADAMCZYK, Karol (Institute of Nuclear Physics PAN)

**Presenter:** Mr ADAMCZYK, Karol (Institute of Nuclear Physics PAN)

**Session Classification:** Off-line and HLT Software

Contribution ID: 8

Type: **not specified**

## **PID software status**

*Wednesday 16 June 2010 15:10 (20 minutes)*

**Primary author:** Dr NISHIDA, Shohei (KEK)

**Presenter:** Dr NISHIDA, Shohei (KEK)

**Session Classification:** Off-line and HLT Software

Contribution ID: 9

Type: **not specified**

## Software Testing in Theory and Real Life

*Wednesday 16 June 2010 16:10 (30 minutes)*

**Primary author:** Mr FIFIELD, Tom (The University of Melbourne)

**Presenter:** Mr FIFIELD, Tom (The University of Melbourne)

**Session Classification:** Off-line and HLT Software

Contribution ID: **10**

Type: **not specified**

## **Redmine for Belle II**

*Wednesday 16 June 2010 16:40 (20 minutes)*

**Primary author:** Dr KUHR, Thomas (KIT)

**Presenter:** Dr KUHR, Thomas (KIT)

**Session Classification:** Off-line and HLT Software

Contribution ID: 11

Type: **not specified**

## **TDR: Conclusions from Review, Status and Plans**

*Wednesday 16 June 2010 17:10 (20 minutes)*

**Primary authors:** Dr HARA, Takanori (KEK); Dr KUHR, Thomas (KIT)

**Presenter:** Dr KUHR, Thomas (KIT)

**Session Classification:** Off-line and HLT Software

Contribution ID: 12

Type: **not specified**

## Report on Belle II Data Handling Group

*Thursday 17 June 2010 09:00 (30 minutes)*

**Primary author:** CHO, Kihyeon (KISTI)

**Presenter:** CHO, Kihyeon (KISTI)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 13

Type: **not specified**

## Test of Belle II Data Handling System

*Thursday 17 June 2010 09:30 (30 minutes)*

**Primary author:** KIM, Junghyun (KISTI)

**Presenter:** KIM, Junghyun (KISTI)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 14

Type: **not specified**

## **Grid-awareing and LFC registration of Local Belle Data for Belle2 LSDH Test**

*Thursday 17 June 2010 10:40 (30 minutes)*

**Primary author:** Dr KIM, Beob Kyun (NSDC of Korea Institute of Science and Technology Information)

**Presenter:** Dr KIM, Beob Kyun (NSDC of Korea Institute of Science and Technology Information)

**Session Classification:** Distributed Computing (Cloud and Grid)



Contribution ID: 15

Type: **not specified**

## Technical aspects of AMGA

*Thursday 17 June 2010 10:00 (20 minutes)*

**Primary author:** HWANG, Soonwook (KISTI)

**Presenter:** HWANG, Soonwook (KISTI)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 16

Type: **not specified**

## **The Data Cache System at the Belle II Experiment**

*Thursday 17 June 2010 11:10 (30 minutes)*

practice talk for CCP2010

**Primary author:** CHO, Kihyeon (KISTI)

**Presenter:** CHO, Kihyeon (KISTI)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 17

Type: **not specified**

## Reconsideration of development needs

*Thursday 17 June 2010 12:00 (20 minutes)*

**Primary author:** Prof. SEVIOR, Martin (Melbourne)

**Presenter:** Prof. SEVIOR, Martin (Melbourne)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: **18**

Type: **not specified**

## **GRID: Job submission and bookkeeping for Belle II**

*Thursday 17 June 2010 14:00 (20 minutes)*

**Primary author:** SITARZ, Maciej (IFJ PAN)

**Presenter:** SITARZ, Maciej (IFJ PAN)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 19

Type: **not specified**

## **GRID: Software distribution and installation for Belle II**

*Thursday 17 June 2010 14:20 (20 minutes)*

**Primary author:** Mr GRZYMKOWSKI, Rafał (IFJ)

**Presenter:** Mr GRZYMKOWSKI, Rafał (IFJ)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 20

Type: **not specified**

## **GRID: Data access and management for Belle II**

*Thursday 17 June 2010 14:40 (20 minutes)*

**Primary author:** Mr ZDYBAL, Milosz (IFJ PAN)

**Presenter:** Mr ZDYBAL, Milosz (IFJ PAN)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 21

Type: **not specified**

## Code review of distributed computing client

*Thursday 17 June 2010 15:00 (20 minutes)*

**Primary author:** Mr FIFIELD, Tom (The University of Melbourne)

**Presenter:** Mr FIFIELD, Tom (The University of Melbourne)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 22

Type: **not specified**

## **Status of cloud computing project at IFJ PAN**

*Thursday 17 June 2010 15:40 (30 minutes)*

**Primary author:** PALKA, Henryk (IFJ PAN)

**Presenter:** PALKA, Henryk (IFJ PAN)

**Session Classification:** Distributed Computing (Cloud and Grid)



Contribution ID: 23

Type: **not specified**

## OpenNEbula enhancements

*Thursday 17 June 2010 16:40 (15 minutes)*

**Primary author:** SYKTUS, Przemyslaw (IFJ Krakow)

**Presenter:** SYKTUS, Przemyslaw (IFJ Krakow)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 24

Type: **not specified**

## OpenNEbula based Cluster Manager

*Thursday 17 June 2010 16:10 (15 minutes)*

**Primary author:** SOSNICKI, Tomasz (IFJ Krakow)

**Presenter:** SOSNICKI, Tomasz (IFJ Krakow)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 25

Type: **not specified**

## Network solution for VM's

*Thursday 17 June 2010 16:25 (15 minutes)*

**Primary author:** NABOZNY, Maciej (IFJ Krakow)

**Presenter:** NABOZNY, Maciej (IFJ Krakow)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 26

Type: **not specified**

## Update of hardware resources estimate

*Thursday 17 June 2010 16:55 (20 minutes)*

**Primary authors:** Dr HARA, Takanori (KEK); Dr KUHR, Thomas (KIT)

**Presenter:** Dr HARA, Takanori (KEK)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: 27

Type: **not specified**

## The Belle II Computing Model

*Friday 18 June 2010 09:00 (1 hour)*

**Primary authors:** Dr HARA, Takanori (KEK); Dr KUHR, Thomas (KIT)

**Presenter:** Dr KUHR, Thomas (KIT)

**Session Classification:** DIRAC: LHCb's Grid Workload and Data Management System

Contribution ID: 28

Type: **not specified**

## DIRAC Overview

*Friday 18 June 2010 10:00 (1 hour)*

**Primary author:** Dr TSAREGORODTSEV, Andrei (CPPM-IN2P3-CNRS)

**Presenter:** Dr TSAREGORODTSEV, Andrei (CPPM-IN2P3-CNRS)

**Session Classification:** DIRAC: LHCb's Grid Workload and Data Management System

Contribution ID: 29

Type: **not specified**

## **DIRAC - Belle experience with Amazon**

*Friday 18 June 2010 11:20 (1 hour)*

**Primary author:** Dr GRACIANI DIAZ, Ricardo (Universidad de Barcelona)

**Presenter:** Dr GRACIANI DIAZ, Ricardo (Universidad de Barcelona)

**Session Classification:** DIRAC: LHCb's Grid Workload and Data Management System

Contribution ID: **30**

Type: **not specified**

## **Details on selected topics**

*Friday 18 June 2010 14:00 (2 hours)*

**Session Classification:** DIRAC: LHCb's Grid Workload and Data Management System



Contribution ID: **31**

Type: **not specified**

## Discussion of workplan

*Friday 18 June 2010 16:20 (30 minutes)*

**Session Classification:** DIRAC: LHCb's Grid Workload and Data Management System

Contribution ID: **32**

Type: **not specified**

## **TOP reconstruction software status and plans**

*Wednesday 16 June 2010 15:30 (20 minutes)*

**Primary author:** Dr STARIC, Marko (J. Stefan Institute, Ljubljana, Slovenia)

**Presenter:** Dr STARIC, Marko (J. Stefan Institute, Ljubljana, Slovenia)

**Session Classification:** Off-line and HLT Software

Contribution ID: 33

Type: **not specified**

## Introduction to Ganga

*Thursday 17 June 2010 11:40 (20 minutes)*

**Primary author:** Mr KIM, HanGi (KISTI)

**Presenter:** Mr KIM, HanGi (KISTI)

**Session Classification:** Distributed Computing (Cloud and Grid)

Contribution ID: **34**

Type: **not specified**

## Registration

*Wednesday 16 June 2010 09:00 (20 minutes)*

**Session Classification:** Off-line and HLT Software

Contribution ID: 35

Type: **not specified**

## Welcome

*Wednesday 16 June 2010 09:20 (10 minutes)*

**Presenter:** PALKA, Henryk (IFJ PAN)

**Session Classification:** Off-line and HLT Software

Contribution ID: **36**

Type: **not specified**

## **RoopAW**

*Wednesday 16 June 2010 17:00 (10 minutes)*

**Primary author:** Mr STYPULA, Jacek (H. Niewodniczanski Institute of Nuclear Physics, Krakow)

**Presenter:** Mr STYPULA, Jacek (H. Niewodniczanski Institute of Nuclear Physics, Krakow)

**Session Classification:** Off-line and HLT Software