August 4, 2011
Belle II Data Handling Meeting, KEK, Japan

Report on Belle II Data Handling Group

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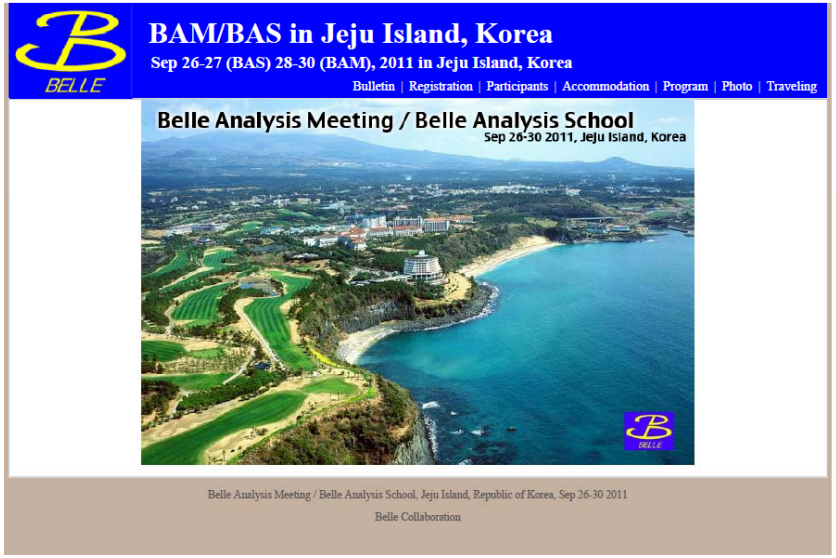
Organization of two meetings

- Korea Belle Analysis Meeting
  - August 24, 2011
  - KISTI, Daejeon Korea

- BAM/BAS Meeting
  - http://hep.korea.ac.kr/bam2011
  - Sep. 26-30, 2011
  - Lotte Hotel,
  - Jeju Island, Korea
  - Please do the registration



PNNL

- Brian Ermold sent an e.mail to me on July 26.
- He is interested in the event level metadata

> Hi Kihyeon,
>
> My name is Brian Ermold and I am working on a BELLE II LDRD (Lab Directed Research and Development) project here at PNNL. The purpose of this project is to examine different ways that event level metadata can be extracted and stored for BELLE II data in such a way that it can be quickly searched to identify events of interest. The main idea here is to provide physicists a faster method of extracting skims of the data without having to scan through the entire dataset.
>
> Thomas Kuhr has indicated that you and your colleagues at KISTI have already done some work in this area, and that I should contact you about your event level metadata studies and to get access to the AMGA database. At this point I am most interested in any work that has been done to identify the event level metadata that would be most useful to physicists in identifying events of interest. I expect I will also need read-only access to the AMGA database to get some file level metadata (such as file id for example). Any help and information you can provide would be greatly appreciated.
>
> Thank you,
> Brian

- I gave the paper on event level metadata study (JKPS56).
- Taesang Huh will contact him for AMGA access.
- Brian is supposed to give a talk in a month.

=> Then, let us consider what to do.

Belle II software directory

- Root/svn/trunk/software
- Added new directory /data_handling/
- The librarian is Junghyun Kim.

- This is for AMGA manager and data handling system based on basf2.

- Thank Thomas.

Junghyun's code vs. Milosz's

Junghyun's code		Milosz's code
Both extraction and registration of metadata (Automatically)	Contents	Registration of metadata only (Manually)
C++	Code Language	Python
basf2	Embedment	gbasf2
data_handling	Software directory	gbasf2

Thomas suggested to call Junghyun's code for the extraction in metadata in Milosz code => Co-work needed

Thank you.