

# Minutes of the LHCb Online Meeting of September 29, 1999

## **Present:**

Andre Augustinus, Yuri Ermoline, Clara Gaspar, Philippe Gras, Beat Jost, Mike Koratzinos, Wolfgang Tejessy

## **1. News**

Beat reported on a meeting with the Chief Executive Officer of the firm that produces Myrinet here at CERN. There is significant technical progress in the product development, such as doubling of speed, experience with bigger networks, etc.

The Controls Board had a meeting recently, in which the agreement to support Siemens and Schneider PLCs was officially announced.

The new doctoral student, Marianna Zuin, will start on October 1 and work on event building.

## **2. Discussion of Agenda for the FE/DAQ workshop**

The LHCb workshop on Front-End electronics and DAQ will now definitely be held from October 12 to 14 at CERN. A provisional agenda was shown by Beat and a wide discussion ensued concerning the various points, additions, changes, etc. The results will be incorporated in a final agenda which should be sent out by the end of this week.

Wednesday 10:30 to 13:00 there is an unfortunate overlap with the next JCOP team meeting which will give an overview of next week's ICALEPCS meeting in Trieste and also with the ALEPH Safety Meeting (Oliver Callot and W.T. concerned).

## **3. First Discussion on Future Activities of LHCb in JCOP**

A short list of current involvement of LHCb in JCOP was shown and commented. Main points were work on SCADA evaluation, OPC and Architecture. For the future there is much interest in seeing the Architecture working group revived as soon as possible. The OPC activity should lead to easily usable results for the end-users. Concrete recommendations for the use of Fieldbuses and what chips to actually install in the front-ends are urgently needed. It was mentioned in this connection that David Myers (JCOP project leader) had requested input from the experiments for a program of work over the next months. Atlas had in answer submitted a substantial list of proposals and LHCb had an interest in also formulating its needs.

## **4. A.o.B.**

Beat felt that an OPC server to Gaudi would be worth looking into. As an example, he could imagine that a SCADA system actually controls the analysis task.

For the JCOP team meeting of Oct. 27, OPC will (tentatively) be a main subject.

Concerning organisation of the online meetings, it was felt that a round-robin system of minutes-writing would help to share the burden more evenly. In view of the "danger" that a designated minutes-writer decides not to show up, the writer of the previous minutes would be responsible for designating a successor or find himself again writing the minutes [afterthought: this might not work out, but let's try]. And minutes can be short.

Note added: the use of a LISTSERVER for mailing, such as used for the JCOP team meetings, should be looked into.

submitted by Wolfgang (Tejessy)

