Plans for the software pre-meeting in January in Paris

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DESY

ILD Software WG Meeting

December 12, 2009

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charge of the SW pre-meeting

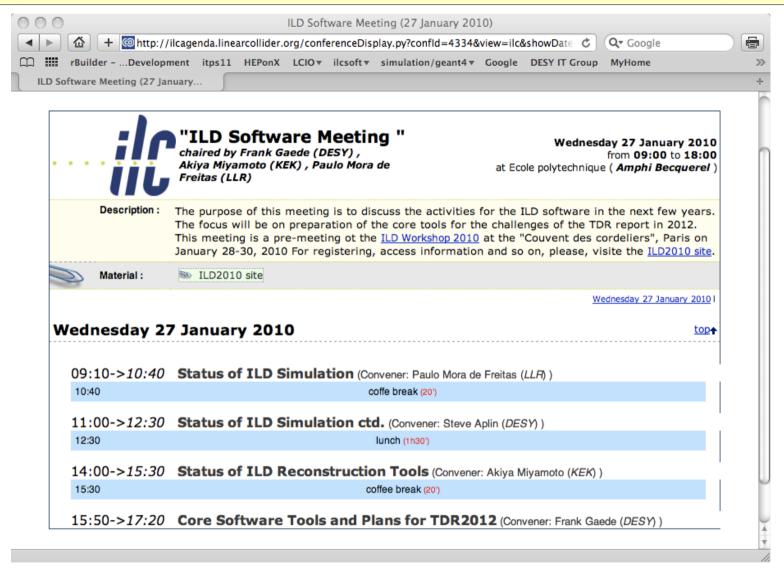Frank Gaede, DESY, ILD Software Meeting 16.12.2009

ILDWS 2010

After the examination of our letter of intent by the International Detector Advisory Group and after receiving the ILCSC's permission to develop a Detector Baseline Design, we will gather in this meeting to elaborate our roadmap toward this DBD. The Research Director has provided <u>us a workplan to achieve this report by end 2012.</u>

The aim of this meeting is then to <u>devise a detailed workplan and a timeline</u> taking into account the design of the beam delivery system, the design of the hall for push-pull, the LoI's design of the ILD detector and its pending questions.
The baseline has to be composed of parts for which feasibility is proven. The necessary R&D and the means to accomplish them must be identified. A specific point to address will be the procedure to be used for estimating the readiness of the technical solutions we <u>intend to fully simulate and retain in the</u> baseline.

- as the ILD meeting itself, the SW pre-meeting will focus on the readiness and preparation of the software tools for the DBD report in 2012, i.e. address point 4 of RDs task list:

4. Develop a realistic simulation model of the baseline design, including faults and limitations.

- also other software related topics, e.g. SB2009 studies could be discussed

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preliminary outline of meeting agenda

- details to be finalized

- mostly 'invited' speakers

- let us know if you want to present a talk

Simulation subdetector contacts

- the detailed and realistic simulation of ILD subdetectors is crucial for defining the detector baseline by 2012

- -> need to have a responsible contact person per subdetector (technology) that

  - keep the simulation of the sub detector (Mokka driver) up to date. i.e. keep track of current developments in R&D
  - fix problems, issues with the corresponding code
  - improves the realism of the simulation code as needed/requested

- currently putting together a list of simulation contacts (~80% ready)

  - ideally the contacts should come to the SW meeting and present the status and plans for 'their driver'

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