

Minutes of the LC AIDA meeting on October 1, 2009

I will not attempt to make a list of participants, since it is hard to keep track of people. We had about 15 people dialing in covering essentially all tasks.

News from the proposal:

Ties presented an update on the work package breakdown for the AIDA proposal: see slides. No major changes have happened since last time. On October 6 there will be a meeting at CERN between the preparatory group, the national contacts, and the working group conveners, to discuss the proposal and the next steps.

Discussion of WP9

Updated documents for the different proposal parts have been received from FCAL and HCAL, after the meeting, documents from VTX.

FCAL (see slides) prepared a first breakdown of tasks and also provided some first estimate of funding.

HCAL provided an update of the proposed projects, together with a first funding estimate.

VTX did not report any fundamental new developments

Gaseous tracking: no document has been prepared yet. Discussions on possible topics are ongoing. Possible tasks either in WP9 or in other WP's are

- Timepix
- Power pulsing
- Time stamping
- TPC facility at DESY and at CERN
- High field magnet (CMS magnet at CERN?)
- Advanced endcap contribution to LP test at DESY / CERN
- The connection to other communities at the moment is being done through RD51. Discussions have started, but no concrete proposals exist yet

The structure of the proposal remains unchanged:

- Gaseous tracking facility (basically starting from the existing infrastructure at DESY, and possibility of extensions and other tasks)
- VTX integration tasks
- Combined test facility with the focus on testing granular calorimetry: consists of
 - o Si tracking

- ECAL
- HCAL
- FCAL
- Materials database. This task is primarily focused on sLHC applications.

At the moment WP9 is a large WP. Contributions from sLHC are expected, but are not yet defined. Marcel Vos has been newly selected as the representative of the sLHC community, and will start to pull the community together.

It was stressed that the current distribution among WP's is a working model, and might change. In particular if in the end we realize that the distribution of funds among the WP's is too uneven, we might want to adjust this. For the moment we should however concentrate on the definition of the tasks, and leave the organization for later.

Discussion of WP10

WP10 combined all aspects which are common to more than one detector. At the moment we have identified three possible contributions, but more are possible:

- Test beam coordination
- Support for electronic document management
- Development of a common DAQ

For the last task Vincent Boudry and Daniel Haas will be the task conveners. Discussions have just started.

It is unclear if sLHC will participate in this work package.

The next meeting will take place next week, on Friday, October 10, at 16:00 DESY time. Connection details will be announced separately.