

Research Director's Report

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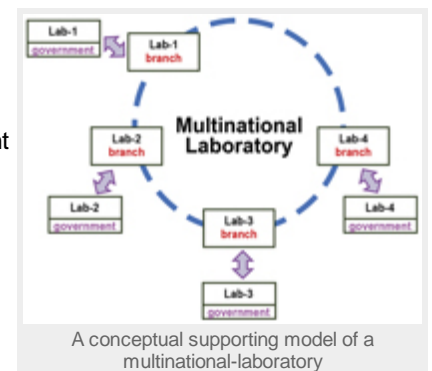
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White paper on Comprehensive Project Design Guidance

Recently the International Linear Collider Steering Committee (ILCSC) published a white paper on the Comprehensive Project Design Guidance (CPDG), which describes the direction of the activity to promote ILC in its post-technical design phase beyond 2012. The document was proposed by the siting working group of the ILCSC and was discussed during the last ILCSC meeting in Paris. Now CPDG is open for [comments](#) from the community.

As I wrote in my [report last August](#), we have been waiting for the initiative of the ILCSC for post-TDR consideration and very much appreciate this move. The CPDG will stimulate serious discussions in the community about the way to push the ILC forward after 2012 towards realisation. The exchange is timely because the environment

around us makes going forward harder. First, resources remain short for the R&D for detectors, integration studies and physics simulation that are necessary to complete the desired detailed baseline design. Second, there are also other activities or projects which tend to defocus the community's effort on the ILC. And these two facts are fundamentally linked: to improve the first, the second can't be avoided. The difficulty often brings the question of how we may continue after finishing the Detailed Baseline Design (DBD). It reflects the uneasiness of the community and could reduce the enthusiasm for the ILC.



We have to continue R&D after 2012 and simultaneously there should also be a new step forward aiming for project realisation. A realistic and powerful scheme to carry both efforts is desirable. The document of ILCSC outlines a clear direction for establishing such a scheme.

The paper is a guideline describing mainly general key points; concrete details are still open. Nevertheless, it gives us a guide for thinking about how we can strengthen the ongoing effort. In order to make real forward steps, it is necessary to fill the paper's remaining blank space by specifying structures or operating mechanisms precisely. I hope once the principles and basic ideas are agreed upon, the discussions will be advanced to decide more concrete items. It is timely that opinions of the community are called for at this stage so that the basic direction and further consideration will take the opinions of the community into account. The proposed idea for the immediate next step can be regarded as the extension of the present scheme. I would think the community has enough experience to make improvements for the next step.

It is highly recommended that everybody reads CPDG and contributes his or her input for consideration. Comments and opinions can be sent directly to ILCSC at <http://cpdg.kek.jp>, using 'cpdg' as the username and password. Some input can be found there already. As detector management, we also wish to participate in the input process, drawing from the experience of carrying out the present Letter-of-Intent process. We plan to collect opinions of the detector groups and of the Physics and Experiment Board, and organise our comments with regard to them. In doing so, we wish to propose that certain measures be installed in the new system, which will help reduce the difficulties we see and strengthen the physics and detector activity. I hope also that through the discussions on CDPG the eagerness of the community for ILC can be refreshed, expressed and leads to improve the proposed scheme.

-- Sakue Yamada