

Research Director's Report

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Sakue Yamada

The first meeting of the International Detector Advisory Group to be held in Warsaw

During the [ECFA workshop](#) for the International Linear Collider in Warsaw from 9 to 12 June, the International Detector Advisory Group (IDAG) will meet for the first time. The three concept groups of the ILC detector which expressed their interest to prepare letters of intent (LOI) will meet IDAG. The organisers of the workshop arranged an open session where the groups will present their ideas and plans for the completion of their LOIs. IDAG will validate the submitted LOIs next year. But communication between IDAG and the LOI groups will start already in Warsaw.

I find that this contact in the course of preparation is very important. As I said in my report in [March](#), the IDAG members consist of competent experimentalists, ILC accelerator experts and phenomenology theorists. Many of

the experimental members are from the non-ILC community. Yet they have plenty of experience in large-scale experiments at hadron colliders, other electron-positron colliders of lower energies and neutrino experiments. They have successfully constructed and operated sophisticated detector systems.

Through the contact with IDAG, the studies done by the ILC community and their outcome will be presented to a wider community. Making them known beyond the already published reports or various websites will be effective in the sense that it is not one way. The IDAG members will examine details, ask questions and give suggestions or criticism based on their knowledge and experience. While there are challenges specific to ILC experiments, such interactions can be extremely useful to the LOI groups when they are trying to intensify their effort to integrate different components into an optimised system. We hope the first meeting makes a good start of fruitful communications.

There will be other crucial meetings during the ECFA workshop besides the IDAG meeting. After we identified the three LOI groups, this is the first occasion for the community to get together. In the meantime we formed most of the common task groups with members named by each LOI group. The machine-detector interface group, which will work together with the GDE's beam delivery system team, is the most urgently waited for and was set up in April. The formation of other groups is nearly complete. The workshop will provide a good occasion for these groups to make a first face-to-face meeting. In these days we often meet using a telecommunication system. Although it gives us a tremendous benefit when colleagues are spread over the world, meeting in a room personally will be crucially important particularly when the members meet for the first time.

-- Sakue Yamada



The International Detector Advisory Group will meet for the first time at the ECFA workshop in Warsaw.