

SiD Newsletter

Upcoming Meetings

SiD Workshop January, 12th-14th, 2015 at SLAC ([Indico Agenda](#))

SiD Institute Board Meeting, January 12th, 2015, 1300 PST

AWLC 2015 April 20th -24th, 2015 KEK/Tokyo

LCWS 2015, November 2nd -6th, 2015 (tentative), TRIUMF/Vancouver Canada

News from the Consortium

By Andy White and Marcel Stanitzki

The SiD Detector Consortium has had its first Institutional Board (IB) Meeting. During this meeting, the Institutes representatives elected Phil Burrows (Oxford) as IB Board chair. The IB also approved the initial byelaws. It is now the task of the IB to modify these, if the need arises.

In November 2014 Joel Goldstein (Bristol) has been appointed as Vertex Detector Co-leader. Together with Ron Lipton (Fermilab) he will be coordinating the SiD Vertex Detector efforts, both on the Hardware and Software Side

Jim Brau has been very active in putting together a new SiD web page, which can be found under <http://silicondetector.org>. A big thanks to Jim for putting in this effort. As always comments and suggestions are most welcome.

LCWS 2014 in Belgrade

The 2014 Linear Collider Workshop took place in Belgrade, Serbia's capital, the first time the Linear Collider Community met in Serbia. Around 200 participants attended the sessions, which took place in Novi Belgrade, which is located on the other side of the River Save.

As a highlight of the first day, the President of the Republic of Serbia, Tomislav Nikolic gave the opening address.



Figure 1: The President of the Republic of Serbia, Tomislav Nikolic, given the welcoming address at LCWS 2014.

Image: Vinca Institute.

He pointed out, that this is the first time, that Serbia is hosting such a big HEP conference and he underlined the importance of basic research and strong benefits of international co-operation.

For the SiD consortium, Bruce Schumm (UCSC) reported the current status at Monday afternoon's plenary session. A strong focus of this meeting was, of course, the developments in Japan and the site-specific studies.

A second major topic was the discussion on the ILC staging scenarios including the question of the ILC start-up energy. The meeting also saw the first change requests to the TDR design being submitted and discussed. In the SiD meeting, which took place Wednesday morning, Presentations discussed detector optimization and of course the site-specific studies including the change requests for the machine.

Within LCC there were many discussions on the format of the LCWS (usually in Fall) and the regional meeting (usually in Spring). After very fruitful discussions, it was decided that for the next regional meeting, which will take

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place at Tokyo/KEK, the “usual” format will be changed.



Figure 2: Group photo of LCWS14 participants in Belgrade. Image: Vinca Institute.

There will be an envelope of plenary talks, while in the usual parallel session time, R&D collaborations, concepts and working groups will plan their own sessions, of course open to all attendants. The idea behind this is to reduce the amount of traveling for many people by attaching the concept and collaboration meetings to the main (I)LC meetings.

We all enjoyed Belgrade, especially its beautiful old town and would like to thank again the local organizers for providing the framework for such an enjoyable meeting.

Preparing for the SiD Workshop

It has been an eventful year for ILC, with lots of activities worldwide. Now the year is coming to close but the next workshop is already on the horizon. The next SiD workshop is the first one after establishing the SiD consortium and also the first one after the P5 report. One key item of this workshop is the discussion of the technologies for both the HCAL and the tracker. SiD has chosen baseline technologies for the Letter of Intent and the DBD, but as technology evolves, it is now time to revisit a few of these choices.

We are hoping to have very fruitful discussions on the technologies open to us as well as discussing the way to, and the criteria for, a decision towards the TDR. We are very keen to have a process as open and inclusive as possible, so we ask everybody in SiD to contribute their ideas and views.

As site-specific studies are continuing, we have a joint session with the MDI/CFS workshop, which is happening at SLAC at the same time (Attached to the SiD workshop). Also the Infrastructure Working group will have a meeting to discuss manpower estimates and cost differences between SiD and ILD.

We hope, that we will have a very productive workshop which will provide an excellent start for SiD in an eventful year 2015.

A new logo for SiD ?

The current SiD logo has been in use for quite a while. With the move towards a real collaboration, it is a good time to come up with an improved or even new logo for SiD. The goal is of course, that also have something suitable for printing, which the current logo is not. As SiD has always been a very creative bunch, we put out a challenge.

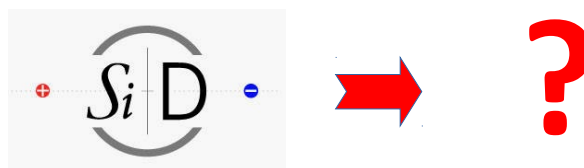


Figure 3: SiD Logo contest

At the upcoming SiD workshop we will present all the suggestions for a new logo, that we have received by then, on Monday, January 12th. The best new logo will receive a prize and will be proposed to the IB as a potential new logo for the consortium. We are looking forward to your ideas.