

SiD Newsletter

Meetings & News

LCWS in Tokyo (November, 11th -15th, 2013), program details can be found [here](#).

P5 had its first Townhall meeting at Fermilab. For details see this [link](#)

SiD Workshop Summary

By Andy White and Marcel Stanitzki

SiD held its first workshop after the completion of the DBD from October 14th -16th, 2013. It took place at SLAC and was opened by Chi-Chang Kao, who underlined the importance of detector development for both HEP and Photon Science. The workshop theme was to discuss the next steps after the completion of the DBD and reviewing the first draft of the new organizational structure of SiD. The workshop agenda can be found [here](#).



(c) Jim Brau

After a review of the current state of the ILC and CLIC accelerators, the discussion started on the new structure and about establishing the SiD Consortium, which is a little more structured than the SiD Concept and should enable SiD to move to a collaboration when this is required.

The new structure features now an Institute Board, chaired by Phil Burrows (Oxford),

which will give the institutes a forum to provide input to the SiD management. In order to join this consortium, individuals or groups can simply send an informal letter to the institute board chair.

Also SiD now has an R&D coordinator, namely Jim Brau (U Oregon) and a Technical Coordinator, namely Martin Breidenbach (SLAC).

Monday also focused on recent physics studies with SiD both at ILC and CLIC, and a Snowmass summary by Michael Peskin.

It concluded with a talk by the LCC associate director for Physics and Detectors, Hitoshi Yamamoto (Tohoku), summarizing the developments in Japan, especially the site selection progress and the statements of the Japanese Science Council. He also emphasized, that the statements of the Science Council are much more positive for the ILC than they are perceived in the international community.

On Tuesday ongoing R&D was presented, with a focus on the recent KPIX ECAL-Test-beam and two review talks on the status of the digital RPC and the analog Scintillator HCAL, which triggered a lot of discussion. Additional talks covered the progress in the FCAL and recent silicon pixel-detector development.



(c) Jim Brau

On Wednesday the current status of the Machine-Detector-Interface was reviewed by Marco Oriunno, also in-light of the site decision of Japan. Marty Breidenbach summar-

The header features a dark grey background. On the left, there is a small, square inset image showing a modern interior space with a long table and chairs, possibly a meeting room or a laboratory. To the right of this image, the words "SiD Newsletter" are written in a large, white, sans-serif font.

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ized what is needed to write a “real” TDR for SiD, setting the scale of the work that will be still required.

Andy White summarized the workshop with the next steps for SiD which include a review of the detector optimization, more physics benchmarks to strengthen the physics case and to justify the required detector performance and also more engineering to make SiD a reality.

This then lead over into Spoke's question time, which started a lively discussion about political developments, what will happen with P5, details about the detector optimization and also HCAL technology.

This concluded a very fruitful and lively workshop, which however was overshadowed by the US government which prevented participants from all US national labs besides SLAC to attend the workshop.