



Status

Ties Behnke

7.3.2017

ILD technical workshop



When: April 24-28, in Lyon, France

Focus: discuss and make progress on the technical aspects of ILD

- Software tools
- Optimization tools
- Where are we concerning a full scale production in 2017

- Task force meetings: Anti-DID, HCAL

- Overall discussion of the optimization strategy

- <http://agenda.linearcollider.org/event/7520/overview>

Proposed meeting schedule



Monday	Tuesday	Wednesday	Thursday		Friday
	- tracking - PFA	- Status of subdetector simulation models	- HLR tools and application	- anti-DID Task Force	- discussion - decisions - closing plenary
L	U	N	C		H
- core tools - generator - simulation and Grid tools	Physics and optimization studies	MDI and subdetector status	- HCal geometry Task Force		

<http://agenda.linearcollider.org/event/7520/overview>

Registration for the meeting will open soon, once the payment details are settled

Next LC workshop



Next LC workshop: scheduled for

June 26-30, at SLAC, United States

This workshop will have a slot for concept meetings at the end.

Most likely:

- Tuesday common analysis meeting SiD ILD (CLIC)
- Friday ILD meeting
- Possibility before and after for topical meetings

More details are being worked out and will be announced hopefully soon.

Proposed program



Structure of the Americas Workshop on Linear Colliders 2017

M June 26 Tu June 27 W June 28 Th June 29 F June 30 Sa July 1

M June 26	Tu June 27	W June 28	Th June 29	F June 30	Sa July 1				
theory accel detector parallel	theory accel detector parallel	CLICdp	phys det plenary	accel plenary	theory accel parallel	new ideas in detector techn.	SiD	ILD	accel parallel
lunch									
theory accel detector parallel	joint SiD/ILD: ILC physics analyses	theory accel detector parallel	plenary: ILC staging plan + panel	general plenary	general plenary	SiD	ILD	accel parallel	
intro plenary									
reception	ILD		barbecue						

Saturday:
Overflow time. The
proper ILC meeting will
end Friday evening.

Potentially add here a dedicated
ILD session in the late afternoon

Other ILD related meetings



FCAL collaboration meeting: 6.3.2017/ 7.3.2017 at CERN, Switzerland

CALICE collaboration meeting: 22.3.2017-24.3.2017, at LLR, Paris, France

Vertex community meeting: 30.4.2017 – 3.5.2017, Schloss Ringberg, Germany

Anti DID task force



Claude Vallee

Anti DID taskforce:

- boundary conditions for implementation of the small anti-DID option have been given to Christophe Berriaud (Saclay), more detailed design can start.
- Field maps of large anti-DID provided by Uwe and implemented in new BG simulations (IPHC), connection to other VFS experts strengthened.

HCAL geometry task force



Claude Vallee

VT task force:

- Further exchanges of information in both directions between DESY and LLR to allow cross-check of mechanical simulations of full ECAL+HCAL wheels. Expert meeting scheduled on April 13.
- Discussions in DESY and visit to Lyon by C.V. to review the accessibility and signal/service path issues associated to both HCAL technologies

Conclusion



Steady progress since last meeting

ILD intermediate meeting is taking shape