

Future Perspective



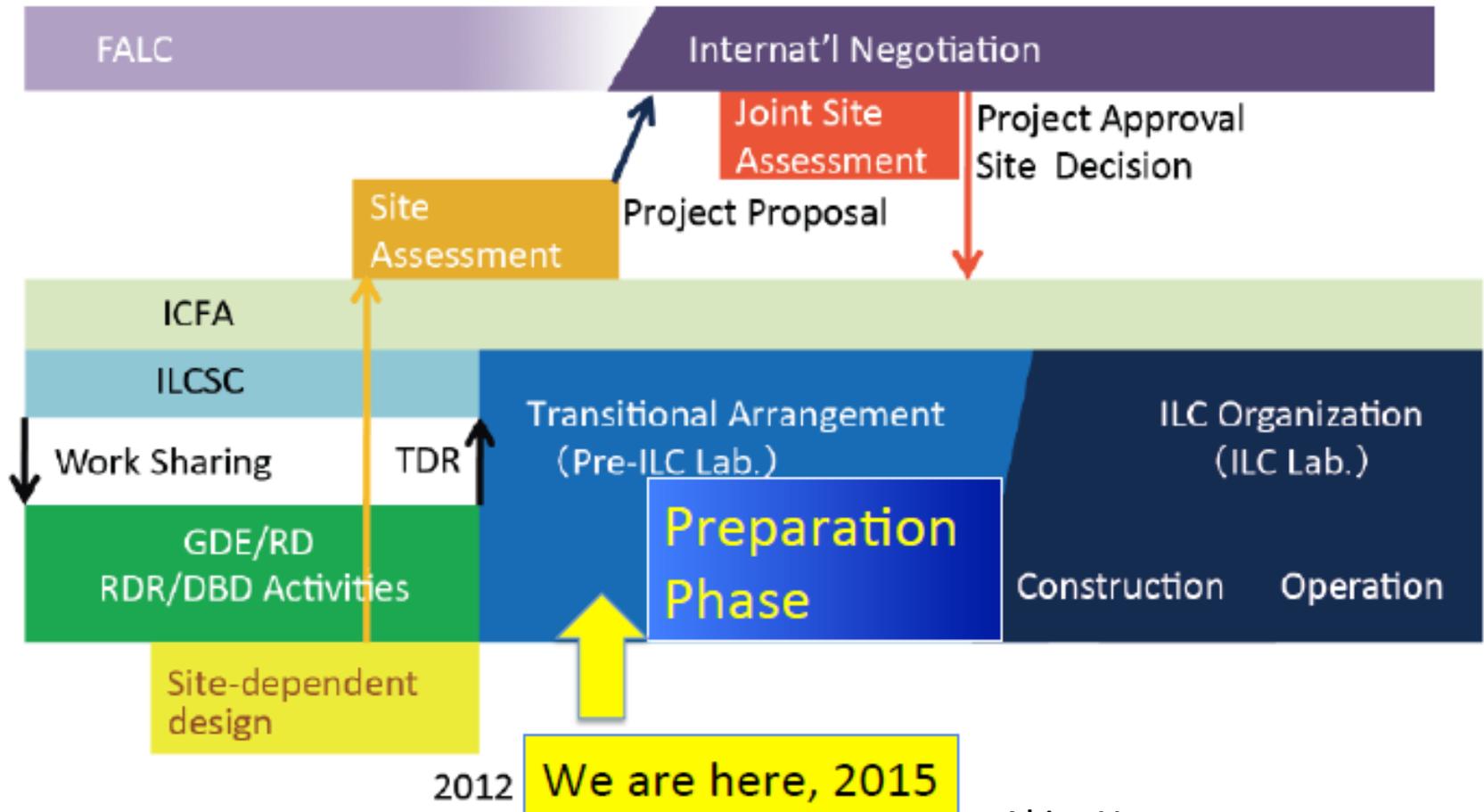
Andy White
University of Texas at
Arlington
for the SiD Consortium

SiD/ILC Status

- The ILC project has been endorsed (EU Strategy, ACFA, Snowmass, P5) as a major future HEP project.
- We have an accelerator design that will deliver the required luminosity – at a range of energies.
- **We have a SiD detector design that can deliver the physics.**
- However, we still face a challenging period while the negotiations take place.

We must **use this period to move SiD forward** and position ourselves for an eventual real experiment.

ILC Time Line: Progress and Prospect



Akira Yamamoto

ILC Project Overview anticipated

Years	TDR baseline Scenario
1 - 2	Pre-preparation for 2yrs (We are here !)
3 - 6	Preparation (4 yrs)
7 - 15	Construction (9 yrs)
(12 -)	(start installation)
16 -	Beam Commissioning start
17 -	Operation at 250 ~ 500 GeV (550 GeV)
TBD	Toward 500 GeV HL upgrade
TBD	Toward 1 TeV upgrade



Akira Yamamoto

What's next?

- SiD 3-5 year goals include:

- ★ **Optimization** of the detector (physics and detector studies by physicists with input of engineering realities) –
SiD Optimization meetings take place every week – please join in and offer your ideas!
- ★ Further **benchmark studies** as new ideas/new LHC results emerge (by physicists, with support for computing services)
- ★ Detector **prototype R&D completion** (physicists, technicians; will require a budget)
- ★ Ramp up towards a **TDR** with **subsystem engineering and detector integration** (physicists and engineers at a minimal level to begin, increasing with time)

What's next for SiD

- We invite you to **contribute to the planning for the next steps:**
 - Offer **your ideas** for optimization of the SiD design
 - **New technologies ??**
 - Involve **students/postdocs** in short/medium term detector and physics studies
 - Be prepared to discuss **new ideas** with new people joining SiD
 - Contribute to the preparation of resource requests for the TDR
 - Connect to the SiD General meetings
 - Connect to the Institutional Board meetings
 - Offer your ideas for the SiD organization moving forward
 - Give talks and talk to your colleagues about ILC and SiD !

Welcome

Bulletins

ILC Tokyo Event

Committees

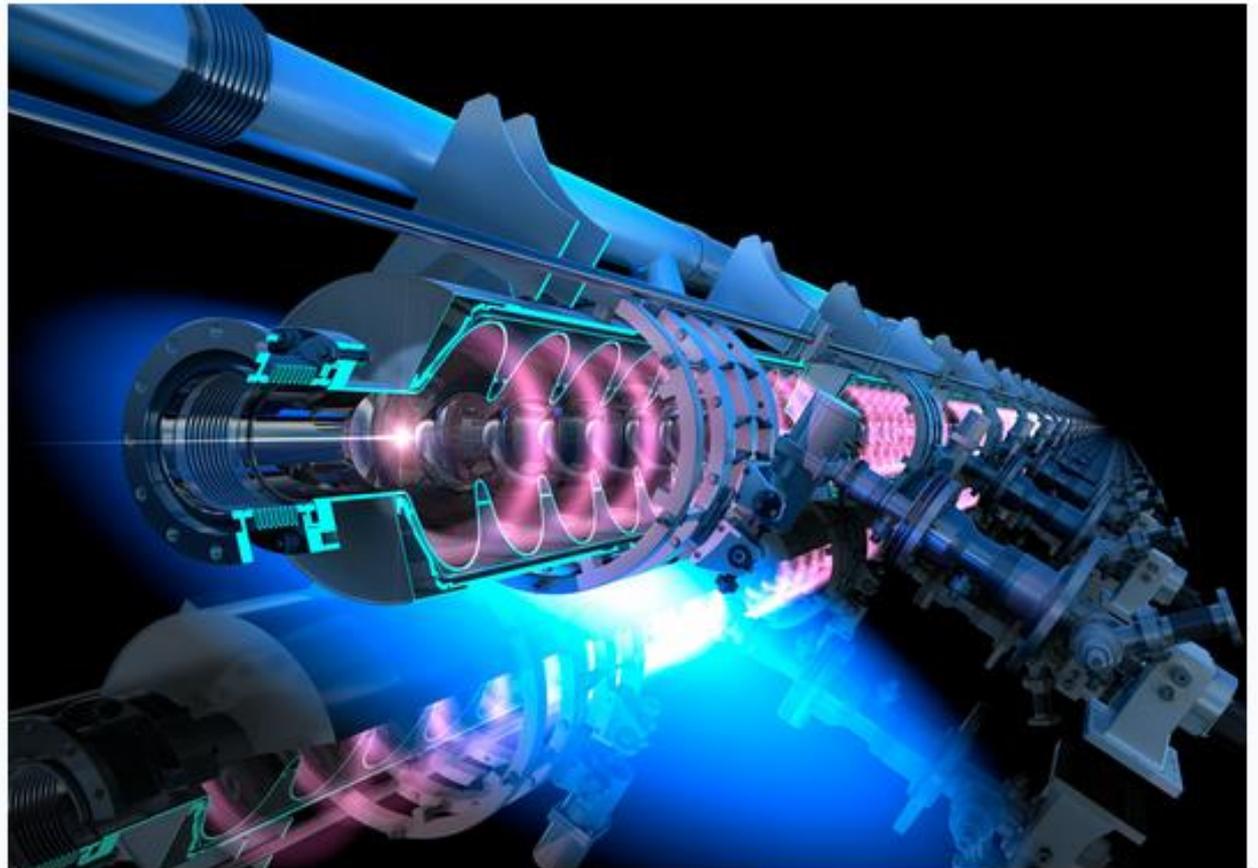
Program and
Conveners

Time table

Registration

List of Registrants

Accommodation



Conceptual Time Table: ver 2014.12.18

Tokyo event

	4/19(Sun)	4/20(Mon)	4/21(Tue)	4/22(Wed)	4/23(Thu)	4/24(Fri)	4/25(Sat)		
Morning		Registration Opening	Acc/Phys/R&D	 	Acc/Concept	Acc/Concept	Reserved		
		Acc/Phys/R&D		Plenary @Tokyo					
Afternoon	Reserved	Acc/Phys/R&D	Acc/Phys/R&D	Symposium	Acc/Concept	Acc/Concept			
			Plenary					Plenary	Closing Plenary
			Reception					Food Festa	

ALCW2015 Detailed program

4/19 (Sun)	10:00-12:00			CALICE					
		Lunch							
	13:00-15:00	LOC Preparation and Registration	CALICE						
			break						
15:30-18:00		CALICE							
4/20 (Mon)	8:30-9:30	Registration							
	9:30-10:30	Opening (Welcome + Guidance)							
		break							
	11:00-12:30	Physics	MDI	CALICE					
		Lunch							
	14:00-15:30	Physics	MDI	CALICE	LCTPC		ACC1	ACC1	ACC1
		break							
16:00-18:00	Physics	MDI	CALICE	LCTPC	Vertex&Silicon	ACC1	ACC2	ACC3	
4/21 (Tue)	9:00-10:30	Physics	MDI	CALICE	LCTPC	Vertex&Silicon	ACC1	ACC2	ACC3
		break							
	11:00-12:30	Physics	MDI	CALICE	LCTPC	Vertex&Silicon	ACC1	ACC2	ACC3
		lunch							
	14:00-15:00	Physics	MDI	CALICE	LCTPC	Vertex&Silicon	ACC1	ACC2	ACC3
		break							
	15:30-17:30	Plenary - 2 (Reports from LCB, ICFA, Status in Japan and panel discussion)							
17:30-18:30	Reception								
4/22 (Wed)	8:00	Bus to Tokyo							
	10:30-12:15	Plenary - 3 (reports on LCC, ILC Acc, LCC Phys.&Det, & Physics talk)							
		lunch							
	14:00-17:30	ILC Tokyo Event (Symposium)							
	17:30-19:30	ILC48 Food Festa							
20:00-22:00	Return to Tsukuba								
4/23 (Thu)	9:00-10:30	Physcs+ILD+SiD joint					ACC1	ACC2	ACC3
		break							
	11:00-12:30	ILD	SiD				ACC1	ACC2	ACC3
		lunch							
	14:00-16:30	ILD	SiD				ACC1	ACC2	ACC3
	break								
17:00-18:00	Plenary - 4 (Physics & MDI summary , etc.)								
4/24 (Fri)	9:00-10:30	ILD					ACC1	ACC2	ACC3
		break							
	11:00-12:30	ILD					ACC1	ACC2	ACC3
		lunch							
	14:00-16:30	ILD					ACC1	ACC2	ACC3
		SiD Plans	A. White		break				
17:00-18:00	Closing								

ILC Tokyo event

- Title(draft): International Linear Collider Tokyo Event
 - subtitle: Recipe for Discovery or The Best Recipe for Discovery
 - **14:00 –17:30 April 22 (Wed.) Ito Hall, The University of Tokyo**
- Draft Program 3.5 hours
 - Introduction Lyn Evans 15min.
 - Hiroya Masuda (Japan Policy Council) 45min.
- Break 15min
 - Panel Discussion 75 min.
 - Moderator Hitoshi Murayama
 - Panelists
 - Lockyer, Mnich, Bagger (As of Jan. 9, Positive answers from Mnich , Bagger)
 - Hiromi Yokoyama
 - ALCW participants
 - Messages 40min.
 - Diet member
 - MEXT
 - Embassies
 - new KEK DG
 - Summary 20min.
 - Hiroshi Murayama
- Mylinearcollider videos
 - Before session, break

ALCW2015

Detailed program

- Plenary 1 (Mon 9:30-10:30) Welcome and Guidance
- Plenary 2 (Tue 15:30-17:30) Reports from LCB, ICFA, Status in Japan and panel discussion
- Plenary 3 (Wed 10:30-12:15 in Tokyo)
Reports on LCC, ILC Acc, LCC Phys.&Det
Physics talk covering HEP at large
- Plenary 4 (Thu 17:00-18:00) Physics & MDI summary, etc.
- Plenary 5 (Fri 17:00-18:00) Closing



Asian Linear Collider Workshop
20-24 April '15 KEK Tsukuba, Japan

Registration is now OPEN – please register!

Early registration ends on March 22

Thank you

- ★ For attending and your participation !
- ★ To all those who gave talks/chaired sessions !
- ★ To our SLAC colleagues who organized the meeting !
- ★ We hope to see many of you in Japan in April !