



Goals of the WS

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2012/5/23

ILD Workshop @Fukuoka

Goals of this workshop

- Review of
 - simulation/reconstruction software tools 23rd am
 - physics analysis for DBD 23rd pm
 - MDI/Integration issues 24th am ~25th am
 - detector R&D
- Discussion and definition of the ILD baseline design and options, including common facilities (exp hall, cryogenics, etc.)
- Planning of mass production of simulation data
- Other discussions
 - Costing
 - DBD: schedule and contents
 - Post 2012 25th pm

DBD Status

- Section editors decided: early March
- SVN repository set up
- DBD extended outline has been submitted to RD: early April
- IDAG interview on Apr. 24th at KILC
- ILD Workshop at Fukuoka (This WS)
 - Clarify what will be written in DBD

Section editors

Chapter	#	#	Subchapter	Section	Contact 1	Contact 2	Author 1	Author 2	Author 3	Author 4
1	Introduction	8	8		JSB		JSB			
			5	ILD philosophy and requirements						
			3	ILD Layout						
2	Subsystems	70	70							
			10	Vertexing	Mark Winter	Yasuhiro Sugimoto	Mark Winter	Yasuhiro Sugimoto		
			10	Silicon tracking	Aurore Savoy Navarro		Aurore Savoy Navarro			
				Central (SIT)	Aurore Savoy Navarro		Aurore Savoy Navarro			
				Forward (FTD)	Alberto Ruiz		Ivan Vila	Marcel Voss		
				Outer central (SET)	Aurore Savoy Navarro		Aurore Savoy Navarro			
				Outer forward (ETD)	Aurore Savoy Navarro		Aurore Savoy Navarro			
			10	TPC tracking	Ron Settles	Takeshi Matsuda	Ron Settles	Takeshi Matsuda		
				Calorimetry						
			14	electromagnetic	Jean Claude Brient	Kyotomo Kawagoe	Daniel Jeans	Tohru Takeshita	Jean Claude Brient	Kyotomo Kawagoe
			14	hadronic	Imad Laktineh	Felix Sefkow	MaryCruz Fouz	Imad Laktineh	Felix Sefkow	Frank Simon
			5	forward	Wolfgang Lohmann		Wolfgang Lohmann	Halina Abramowicz		
			4	Muon	Vishnu Zutshi		Valery Saveliev	Misha Danilov		
			3	Coil	Francois Kircher					
3	ILD Detector S	40	40							
			10	Subsystem level integration	Karsten Buesser	Tauchi Toshiaki	Karsten Buesser	Tauchi Toshiaki	Catherine Clerc	
			5	Calibration and Alignment			Felix Sefkow	Marcos Fernandez	Ties Behnke	
			5	Data Acquisition	Guenter Eckerlin		Vincent Boudry	Dave Coussans		
			5	Software/ Computing/ Tools	Frank Gaede	Akiya Miyamoto	Frank Gaede	Akiya Miyamoto		
			10	MDI/ Integration into hall etc	Karsten Buesser	Tauchi Toshiaki	Karsten Buesser	Tauchi Toshiaki		
				Backgrounds						
			5	Coil and Yoke	Francois Kircher		Uwe Schneekloth			
4	ILD Performan	30	30							
			20	Overall ILD performance	Mark Thomson	Tomohiko Tanabe	Mark Thomson	Tomohiko Tanabe		
			10	Benchmark reactions in ILD	Mark Thomson	Tomohiko Tanabe	Mark Thomson	Tomohiko Tanabe		
					Mikael Beggren		Mikael Beggren			
5	ILD Costing	5			Henri Videau	Tomoyuki Sanuki	Henri Videau	Tomoyuki Sanuki	Catherine Clerc	
6	Summary and	1			JSB		JSB			
				Status of ILD detector						
				Future directions and challenges						
				Conclucions						
7	Appendix									
				Bibliography						
				List of supporters of ILD						

Technical aspect

- DBD is written in Tex
- Common style file as TDR
- SVN repository at <https://svnsrv.desy.de/baswebsvn/wsvn/General.illddb/trunk/illddb/>
- Read only user: ILDRReader@desy.de

DBD Schedule

- Physics Chapter 1st draft deadline: June 15
- Common Chapter 1st draft deadline: June 15
- ILD Chapter 1st draft deadline: end of June (before summer vacation)
- Complete draft for circulation: end of August
- 1st official draft: End of September → Submitted to IDAG
- LCWS2012: Oct.21~
- Freeze the contents: Mid November
- Almost final draft sent to PAC: End of Nov.(?)
- PAC at KEK: December 15-16
- Final draft for circulation: December 15

We will discuss the schedule again at the end of the WS