



LINEAR COLLIDER COLLABORATION

Designing the world's next great particle accelerator

Preparation for AWLC2017
Benno List, DESY

TCMB Meeting
22.2.2017



Structure of the Americas Workshop on Linear Colliders 2017

M June 26		Tu June 27		W June 28	Th June 29		F June 30	
Welcome		parallel: theory accel detector		directors' plenary	joint: ILC physics analyses		SiD	ILD
parallel: theory accel detector				physics plenary	SiD	ILD		
lunch		lunch		lunch	lunch		lunch	
parallel: theory accel detector	CLICdp	parallel: theory accel	new ideas in detector techn.	split accel/det plenary	SiD	ILD	SiD	ILD
opening plenary				panel disc.				
reception				barbecue				



Structure of the Americas Workshop on Li

M June 26

Tu June 27

W June 28

Welcome		parallel: theory accel detector		directors' plenary	
parallel: theory accel detector				physics plenary	
lunch		lunch		lunch	
parallel: theory accel detector	CLICdp	parallel: theory accel	new ideas in detector techn.	split accel/det plenary	
opening plenary				panel disc.	
reception				barbecue	

- ~2 days (12h) accelerator parallel sessions, **1 track only**
- ~2h accelerator plenary
- No joint plenary
- No summary talks
- Thursday/Friday: No accelerator activities
- Do we want to have another SCRF R&D workshop? Th/Fri?
- No room for common discussion on new baseline / staged design
-> should this be foreseen?



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Welcome		parallel: theory accel detector		directors' plenary
parallel: theory accel detector				physics plenary
lunch		lunch		lunch
parallel: theory accel detector	CLICdp	parallel: theory accel	new ideas in detector techn.	split accel/det plenary
opening plenary				panel disc.
reception				barbecue

- Larger opening session, with “marching orders” for the work shop
- A summary/results joint plenary session before the panel discussion
- Move split plenaries to Tues



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theory accel detector parallel	CLICdp	theory accel detector parallel		general plenary	joint: ILC physics analyses		accel parallel	SiD	ILD
			general plenary	detector parallel					
lunch		lunch		lunch	lunch			lunch	
theory accel detector parallel		theory accel detector parallel	new ideas in detector techn.	split accel/det plenary	SiD	ILD	accel parallel	SiD	ILD
opening plenary									
reception				barbecue					



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

theory accel detector parallel	theory accel detector parallel	CLICdp	theory accel detector parallel	general plenary		SiD	ILD	accel parallel	SiD	ILD	
				general plenary							
lunch		lunch		lunch		lunch					
opening plenary: ILC staging plan	joint SiD/ILD: ILC physics analyses	theory accel detector parallel	theory accel parallel	new ideas in detector techn.	phys det plenary	accel plenary	SiD	ILD	accel parallel		
reception			barbecue								



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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	SiD	ILD
lunch	lunch		lunch	lunch	lunch						
theory accel detector parallel	joint SiD/ILD: ILC physics analyses	theory accel detector parallel	plenary: ILC staging plan + panel	general plenary	SiD	ILD	accel parallel				
intro plenary				general plenary							
reception				barbecue							



- Original Plan: **Omnibus Meeting**
- Agreement in Program Committee: Discussion of Staging Plan will be an important topic at the workshop
- Schedule was extended to have longer plenary – makes room for discussions between accelerator and physics&detector community
- 2 ½ + 1 days of parallel sessions
- 1 ½ days of plenaries:
½ opening plenary, ½ general plenary, ½ accelerator plenary

Remaining questions:

- Do we want to have another SCRF R&D workshop? Friday?
- Do we need more than 1 parallel track?



Organize session blocks by themes?

- Gradient / cryomodule performance
 - High-level accelerator parameters
 - Staging and upgrade options
 - Main Linac configuration (including cryo and tunnel)
 - Positron source (1-2 blocks)
 - Damping rings
 - BDS?
 - TCMB session
 - Cost (confidential)?
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- Would give about 8-10 blocks -> 2 – 2 ½ days -> would about fit