Welcome



Nick Walker (DESY) *EUROTeV* Meeting Orsay 16.05.2006

Where are we?

- EUROTeV is 18 months old (half-way)
- First-year ramp-up complete
- (Almost) all posts filled; now in "full production mode"
- ILC landscape has developed and is still rapidly evolving:
 - formal formation of International GDE (August 2005)
 - "Baseline Configuration" established (December 2005)
 - Reference Design Report (RDR) "matrix established to enable
 - detailed design
 - first-pass international cost estimate
 - ... by end of 2006
- *EUROTeV* has (and will) contribute to the RDR process

EUROTeV and the ILC Global Design Effort



The ILC in Europe



F. Asin/SLAC 11 29-2005



 General layout above was formally accepted as baseline at the Frascati GDE meeting (December 2005)

EUROTeV mid-term meeting

16.05.2006











RDR Matrix

<u>*</u>						
	<u>Area</u> Svstems					
<u>Technical Systems</u>	e- source	e+ source	Damping Rings	RTML	Main Linac	BDS
Vacuum systems						
Magnet systems						
Cryomodule						
Cavity Package						
RF Power						
Instrumentation						
Dumps and Collimators	GUE Reference Design					
Accelerator Physics					U	
	Report "Matrix"					
Global Systems		•				
Commissioning,						
Operations & Reliability						
Control System						
Cryogenics						
CF&S						
Installation						

RDR Matrix

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EUROTeV and the GDE

The major challenge for the GDE

From chaos... ...comes order! Mp nstitutes GDE Americas EUROTEN

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EUROTeV and the GDE

The major challenge for the GDE

EUROTeV mid-term meeting

EUROTeV and CLIC R&D

- Many synergies with ILC
- Emittance tuning simulations in the LET
- Design of bunch compression systems
- Studies of extraction line optics
- Diagnostics

• etc.

Outreach and Knowledge Dissemination

- www.eurotev.org
 - Inks to <u>www.linearcollider.org</u>
- >50 EUROTeV reports currently on website
 - ~20 in pipeline for EPAC 2006
- All EUROTeV reports to be back-numbered as ILC notes