



Mini-Workshop
on
"Design and Technical Challenges of the ILC Small-Angle Interaction Region"

Supported by the ELAN networking activity under the FP6 CARE project

Thursday 19 October 2006
LAL-Orsay, Building 200, room 101

Agenda

9h00	Welcome		
9h05	Session I : General Design Issues		
	Physics and Collider Motivations for a Small-Angle IR	P. Bambade	15+10 mn
	Final Focus: Design Principles and Optimisation	J. Payet	10+5 mn
	Collimation Requirements	F. Jackson	10+5 mn
	Extraction Beam Line: Design Principles	R. Appleby	10+5 mn
10h15	Coffee break		
10h45	Session II : 2 mrad Beam Line Design		
	Design Challenges of the 2 mrad Scheme	O. Napoly	15+5 mn
	Final Doublet Optimisation	R. Appleby	15+5 mn
	Limits of SC Final Doublets Magnets	GL. Sabbi	15+5 mn
	Discussion : Identification of hardware challenges and design improvements		45 mn
12h30 :	Lunch		
14h00	Session III : Head-on Beam Line Design		
	Design Challenges of the Head-on Scheme	D. Angal-Kalinin	15+5 mn
	Status of the Extraction Beam Line	L. Keller	15+5 mn
	Limits of the Electrostatic Separators	J. Borburgh	15+5 mn
	Limits of RF Deflectors	Y. Iwashita	15+5 mn
	Discussion : Identification of hardware challenges and design improvements		45 mn
16h05	Coffee break		
16h30	Session IV : Prospects for the Two Schemes		
	Comparison of Design Difficulties and Performance	D. Angal-Kalinin	15 mn
	Minimal Extraction Scheme	D. Angal-Kalinin	5 mn
	Discussion		40 mn
17h30	Adjourn		