

BABAR PEP-II BACKGROUND WORKSHOP (SEPT 22-24, 2003)

Monday, Sept 22 Review of radiation about policies

9:00 – 12:30	Chair: W. Kozanecki		
	W. Kozanecki	Purpose & goals of the Workshop	(10+5)
	G. Simi	SVT Radiation damage constraints	(15+10)
	M. Mazur	SVT data quality constraints	(15+5)
	B. Petersen	Predicted SVT dose until 2010 and comparison with observations	(15+5)
	T. Tsuboyama	Radiation-protection experience at Belle	(30+10)
		<i>(11:00 – 11:30 Coffee Break)</i>	
	B. Petersen	Current abort policies & suggested changes	(30+10)
		<i>(12:30 – 2:00 Lunch)</i>	
2:00 – 5:30	Chair: G. Wormser		
	M. Bruinsma	SVTRAD upgrades	(15+5)
	T. Hrynova	EMC radiation damage studies	(15+5)
	R. Barlow	EMC background experience & projections	(15+5)
		<i>(3:30 – 4:15 Coffee & informal discussions (MCC Acc. Physics mtg, BBR ops mtg))</i>	
	M. Weaver	Trickle injection: status & plans	(30+10)

Tuesday, Sept 23 Backgrounds: Operational issues

9:00 – 12:45	Chair: G. Wormser		
	W. Kozanecki	Harnessing the Run-4 backgrounds	(15+5)
	J. Seeman	PEP-II luminosity strategy	(15+5)
	D. Bernard	The BBR background browser	(10+5)
	T. Tsuboyama	Experience with machine bgds @ KEKB & long-term projections	(30+10)
		<i>(10:45 – 11:15 Coffee)</i>	
	M. Cristinziani	DCH background experience & projections	(20+10)
	Su Dong/R. Bartoldus	TRG background experience & projections	(15+5)
	H. Band	IFR background overview	(15+5)
	R. Messner	IFR operational background experience and projections	(10+5)
		<i>(12:45 – 2:00 Lunch)</i>	
2:00 – 5:30	Chair: W. Kozanecki		
	T. Hadig	DIRC background experience & projections	(15+5)
	C. O'Grady or A. Perazzo	Data Flow performance projections	(15+5)
	T. Hadig	Radiation burst studies	(15+5)
		<i>(3:30 – 4:15 Coffee Break and Babar Operations Meeting)</i>	
	G. Dubois-Felsmann	Online beam spot and occupancy monitoring: overall status & plans	(15+5)
	R. Bartoldus	TRG online monitoring feedback to PEP-II	(15+5)
		<i>(7:00 Dinner (no-host))</i>	

Wednesday, Sept 24 Long term projections & background simulations

9:00 – 12:00	Chair: G. Wormser		
	G. Wormser	Long-term projections & issues	(20+10)
	W. Kozanecki	Outline of simulation strategy	(15+5)
	O. Tajima	Background simulations @ Belle/KEKB	(25+5)
		<i>(10:20 – 10:50 Coffee break)</i>	
	C. H. Cheng	Review of past simulations (SVTRAD/SVT)	(15+5)
	T. Glanzman	Review of past simulations (DCH)	(15+5)
	S. Robertson	Review of past simulations (EMC)	(15+5)
		<i>(12:00 – 2:30 Lunch)</i>	
2:30 – 5:00	Chair: W. Kozanecki		
	M. Sullivan	Status of new IR design	(30+10)
	M. Bondioli	G4 geometry description – status & plans	(15+5)
	W. Kozanecki	Simulation strategy (discussion)	(20)
		<i>(3:50 – 4:15 Coffee break)</i>	

Session summaries and action items

	C. Hast	Radiation-abort policy	(20+10)
	(tbd)	Background operational issue (tbc)	(15+5)
	W. Kozanecki	Conclusions and action items	(15)