

Here is my proposal for WG 3 cavity preparation

Which lessons are learned

proposal for
Speaker

time
presentati on (min) questi ons (min) Discuss ion (min) total (min) break (min) Total WG 3 time (h)

A:		Industrialization of infrastructures for CAV preparation						40		4
	A1	Industrialization of Electro polishing								
	a)	view and experiences from Institute sides DESY	N Steinhou Kühl	8	2			10		
	b)	experience with installing an EP system at AES	Allan Rowe	8	2					
	b)	view and experiences from Institute sides M Rizzi E.Zanon to be conformed	M Rizzi E.Zanon to be conformed	8	2			10		
	A2	New EP systems and parameters						0		
		at KEK : Shigeki KATO	Shigeki KATO	8	2			10		
		at CEA:	NN to be confirmed	8	2			10		
	A3	Infrastructures for cavity preparation						30		
	a	Industrial infrastructures	NN	8	2			10		
	b	Lab equipment for retreatments and studies on infrastructures	NN (P.Kneisel)	8	2			10		
	b	CERN's new 2K infrastructure	Karl Schirm	8	2			10		
									15	
	A4	Infrastructure for cavity retreatment after non successful tests						20		
	a	XFEL Cavity Retreatment+ DESY infrastructure	M.Schalwat to be confirmed	8	2			10		
	b	ICL ??	A.Narvitzki to be confirmed	8	2			10		
	A5:	Discussion						20		
	a	Discussion on application of EP for repair --global once or are local once possible to avoid changing cavity length	all				10			
	b	Discussions on New methods of cavity preparation techniques	all				10			
B:		Experience of industrial cavity preparation.						20		
	B1	Preparation and quality control of cavity preparation								
	a	Prep steps and Quality control parameters of the XFEL cavity production	B.v.d.Horst to be confirmed	8	2			10		
	b	Prep steps and Quality control at FNAL / JLAB ??	NN	8	2			10		
	B2:	Results and analysis of cavity RF test						40		
	a	Results from Fell cavity production and retreatments	D Reschke/ S Aderhold to be confirmed	8	2			10		
	b	Analysis of XFEL QC data in respect of success rate	(L.Monaco to be confirmed)	15	5			20		
	c	Are there new/ Improved methods of preparation QC	NN	5	5			10		
									15	
C:		Discussion on how to improve success rates						30		
	a	Are we checking enough and are they the right parameters	all				15			
	b	Which additional parameters are under development and which one could be / should be checked in addition,?	all				15			
								10		
D:		Summary of WG					10			