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XLS | CompactLight 1st Annual Meeting

Barcelona, 10th-12th December 2018

Monday, 10 December 2018				
14:00	14:15		Welcome	Francis Perez (ALBA-CELLS)
14:15	14:45		XLS Status	Gerardo D'Auria (ST)
WP2 Activity Report and Discussion				
14:45	16:00	10'	Introduction	Jim Clarke (STFC)
		20'	CompactLight User Meeting Report	Vitaliy Goryashko
		10'	The process of selecting the technical solutions in the year ahead	Simone DiMitri (ST)
		10'	Planning for the CDR	Neil Thompson (STFC)
		25'	Discussion	All
Coffee Break				
WP4 Activity Report and Discussion				
16:30	17:45	5'	Introduction	Walter Wuensch (CERN)
		15'	Update on the X-band linac rf system	Marco Diomedede (INFN)
		15'	Integration: components, dimensions and layout	Markus Aicheler (UH/HIP)
		15'	36 GHz linearizing structure and waveguide network, initial study	Xiaowei Wu (CERN)
		15'	Update on the 36 and 48 GHz power sources	Liang Zhang (USTR)
		10'	Discussion	All



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Tuesday, 11 December 2018 - Morning Session				
WP3 Activity Report and Discussion				
09:00	10:15	10'	Introduction	Massimo Ferrario (INFN)
		10'	Progress towards a C-band injector design	Michele Croia (INFN)
		10'	X-Band velocity bunching and linearizer	Andrea Mostacci (Sapienza)
		10'	Magnetic compressor design study	Simone Di Mitri (ST)
		10'	K-band RF linearizer design	Graeme Burt (ULANC)
		10'	A possible linearizer at 35.982 GHz	Bruno Spataro (INFN)
		15'	Discussion	All
WP5 Activity Report and Discussion				
10:15	10:55	10'	Overview of WP5	Federico Nguyen (ENEA)
		10'	Undulators Cost Matrix	Thomas Schmidt (PSI)
		10'	PM Undulators	Jordi Marcos (ALBA-CELLS)
		10'	SC Undulators	Julian Gethmann (KIT)
Coffee Break & Meeting Photo				
11:25	12:00	10'	Microwave Undulators	Liang Zhang (USTR)
		10'	Undulators for soft X-rays schemes	Hector M. C. Cortes (STFC)
		10'	Study of wakefields in undulators	Avni Aksoy (UA-IAT)
		5'	Discussion	All



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Tuesday, 11 December 2018 - Afternoon Session				
WP6 Activity Report and Discussion				
12:00	13:15	10'	Introduction	Avni Aksoy (UA-IAT)
		15'	Beam dynamics studies for the XLS S-band photoinjector with and without velocity bunching	Anna Giribono (INFN)
		15'	S-band based linac option status and linac modelling for FELs	Simone Di Mitri (ST)
		10'	X-band based linac option and 1 D optimization tool	Xingguang Liu (CERN)
		15'	3-D simulation for the S-band + X-band option of CompactLight	Edu Marin (ALBA-CELLS)
		10'	Discussion	All
Lunch				
14:15	14:45	30'	Discussion on parameters list	All
Partner Activity Reports				
14:45	16:30	10'	Short overview of Australian activities	Rohan Dowd (ANSTO) (Vidyo)
		10'	Short overview of SINAP activities	Wencheng Fang (SINAP)
		10'	Short overview of TU/e group activities	Peter Mutsaers (TU/e)
		10'	Short overview of CSIC group activities	Benito Gimeno (CSIC)
		10'	Laser & photocathode study for e-gun	Evangelos Gazis (IASA)
		10'	S-band RF guns	Angeles Faus-Golfe (CNRS)
		10'	Dechirping structures	Yanliang Han (CNRS)
		30'	Compact FEL devices: the quest for new design concepts	Giuseppe Dattoli (ENEA)
		5'	Discussion	All
SAC Sessions				
14:45	16:30	90'	SAC Internal Discussion (Parallel Session)	SAC Members
Coffee Break				
17:00	18:00	60'	XLS-SAC Joint Session	All
20:00 - 22:30 Dinner at Arenal Restaurant -Busses will leave from Campus Hotel at 20:00				



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Wednesday, 12 December 2018				
WP7 Activity Report and Discussion				
09:00	09:30	5'	Introduction	Regina Rochow (ST)
		5'	Task 7.1 & 7.2	Regina Rochow (ST)
		10'	Cost analysis	Evangelos Gazis (IASA)
		5'	Technology transfer	Evangelos Gazis (IASA)
		5'	Discussion	All
WP1 Activity Report and Discussion				
09:30	10:00	15'	Recent and next WP1 activities	Regina Rochow (ST)
		10'	Project Communication	Andrea Latina (CERN)
		5'	Discussion	All
General Discussion				
10:00	11:00		- Six months ahead activity plans - Deliverables - Next meeting ...	All
Coffee Break				
11:30	12:30		Collaboration Board Meeting	CB Members
Lunch				
14:00	16:00		Guided Tour of the ALBA Synchrotron	
16:00	17:30		Time for potential WP or Working Group Meetings	