



## XLS | CompactLight Midterm Review

Triest, 19<sup>th</sup>-20<sup>th</sup> June 2018

If not otherwise indicated, sessions take place in Sala Tommaseo A. Sala Joyce is available for adhoc meetings / working groups

Tuesday, 19th June 2018					
Time	Session				
09:00	Welcome	A. Franciosi	ST	10'	
09:10	Project Status	G. D'Auria	ST	20'	
09:30	WP2 reports	J. Clarke	STFC	15'	WP2 overview and activity report
		V. Goryashko	UU	15'	FEL Users requirements (Vidyo connection)
10:00	WP3 reports	M. Ferrario	INFN	15'	WP3 overview and activity report
		D. Alesini	INFN	15'	Towards a C-band RF photoinjector design
		J. Luiten	TU/e	15'	Photoinjector design based on DC gun
10:45	Coffee Break				
11:05	WP4 reports	W. Wuensch	CERN	20'	WP4 overview and activity report
		M. Diomede	INFN	15'	Layout and optimisation of the linac rf system
		A. Cross	USTR	10'	Power sources for higher-harmonic systems
11:50	WP5 reports	F. Nguyen	ENEA	10'	WP5 overview and activity report
		A. Bernhard	KIT	10'	Superconducting undulators
		R. Geometrante	Kyma	10'	Permanent magnet undulators
		A. Cross	USTR	10'	Exotic undulators
12:30	Lunch Break				
14:00	WP5 reports	T. Schmidt	PSI	10'	Magnetic set-ups & cost effectiveness
14:10	External Contribution	J. Rosenzweig	UCLA	20'	Compact X-ray FEL Based on Micro-Undulators and High Field RF Acceleration
14:30	WP6 reports	A. Aksoy	UA-IAT	15'	WP6 overview and activity report
		A. Latina	CERN	15'	K-band lineariser study
		H. Castaneda	STFC	15'	Impact of beam jitter to FEL performance
15:15	External Contribution	B. Van der Geer	Pulsar	20'	Practical solutions to the pitfalls of rms-emittance
15:35	Coffee Break				
15:55	WP2-WP6 Joint Meeting			60'	Sala Tommaseo A
	SAC Internal Discussion				Sala Joyce
16:55	XLS-SAC Joint Session			35'	Sala Tommaseo A
17:30	End of first day				
20:00	<p><b>Dinner:</b> Meeting Point: Piazza dell'Unità d'Italia near the fountain at 19:30 o'clock</p>				



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Wednesday, 20th June 2018			
Time	Session		
09:00	WP1-WP7 Joint Meeting	60'	Sala Tommaseo A
10:00	WP2-WP5 Joint Meeting	60'	
11:00	Coffee Break		
11:20	WP3-WP4-WP6 Joint Meeting	70'	Sala Tommaseo A
12:30	Lunch Break		
14:00	General discussion: - Six months ahead activities plan - Deliverables - Next meeting	60'	Sala Tommaseo A
15:00	Closing remarks		
Elettra and KYMA visits			
15:15	Transfer TS-Sezana	195'	Transfer by bus; after the visit, the participants will be carried back to the hotel
15:45	Kyma visit		
16:45	Transfer Sezana-Basovizza		
17:00	Elettra/Fermi visit		
18:15	Transfer Basovizza-Trieste		