

II TIMING & SYNCHRONIZATION WORKSHOP

ICTP, Trieste - 9 March 2009

PROGRAMME

Giambiagi Lecture Hall, Adriatico Guesthouse

09:00	Welcome	A. Gallo - INFN-LNF
09:10	Installation, commissioning and operation of the master laser oscillator at FLASH	P. Gessler - DESY
09:30	Specifications of the FERMI@Elettra optical hybrid timing system	M. Ferianis - Sincrotrone Trieste
09:50	Layout and specification of the synchronization system for SPARC-X	M. Bellaveglia - INFN-LNF
10:10	Layout of the PSI-XFEL synchronization system and latest results	S. Hunziker - PSI
10:30	Layout of the synchronization system for the NLS (incl. experience with fiber laser system at the ERL)	S. Jamison / G. Hirst - STFC
10:50	<i>Coffee Break</i>	
11:20	Synchronization of Ti:Sapphire lasers to the optical reference system	V. Arsov - DESY
11:40	Latest results on laser synchronization at Elettra	M. Danailov / P. Sigalotti - Sincrotrone Trieste
12:00	Options and performance of laser to RF conversion schemes	F. Ludwig / P. Gessler - DESY
12:20	Precision timing distribution for LCLS laser synchronization	R. Wilcox - LBL
12:40	<i>Lunch</i>	
14:15	Challenges on a BAM implementation in an accelerator	F. Loehl - DESY
14:35	Required infrastructure for the implementation of an optical synchronization system	A. Winter - ITER
14:55	New developments and missing components of an optical synchronization system	H. Schlarb - DESY
15:15	<i>Coffee Break</i>	
15:45	Discussion: Engineering of main components and global T&S system implementation over large scales issues	
17:45	Conclusions	

Tuesday, 10 March 2009 - "Frontiers of FEL Technology Workshop"

12:35	Summary report of the "II Timing and Synchronization Workshop"	T. Quast, BESSY
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