

Title	Speaker	time [min]
DAY 0: Sunday 02/10/2011		
17:00-20:00	Registration	
19:30-21:00	Welcome Cocktail	
DAY 1: Monday 03/10/2011, LATTICE DESIGN		
Session 1 convenor: D. Einfeld (CELLS)		
8:30-8:45	Welcome	E. Stefanou, Rector (Un. Of Creta) 15
8:45-9:30	Setting the scene: Review of lattice design for low emittance rings	R. Bartolini (DIAMOND-JAI) 45
9:30-9:55	SPring8-upgrade: Lattice design of very low emittance storage ring	K. Soutome (JASRI-Spring8) 25
9:55-10:20	Reaching ultra-low emittance with variable bending magnets	C. Wang (ANL) 25
10:20-10:45	Reduction of Horizontal Emittance with Robinson wigglers	L. Nadolski (SOLEIL) 25
10:45-11:10	Low emittance lattice design with unconventional magnets	S. Leeman (Maxlab) 25
11:10-11:30	Coffee Break	20
Session 2 convenor: R. Bartolini (DIAMOND-JAI)		
11:30-11:55	Methods for reaching ultra-low vertical emittance: the SLS experience	A. Streun (SLS) 25
11:55-12:20	Low emittance tuning techniques	J. Shanks (Cornell) 25
12:20-12:45	Coupling correction through beam position data	A. Franchi (ESRF) 25
12:45-13:10	Low emittance tuning through dispersion free steering	S. Liuzzo (INFN-LNF) 25
13:10-14:30	Lunch Break	80
Session 3 convenor: A. Streun (SLS)		
14:30-14:55	Non-linear dynamics optimisation in low emittance rings: theory and modelisation	J. Bengtsson (BNL) 25
14:55-15:20	Non-linear dynamics optimisation in low emittance rings: from model to experiment	C. Steier (LBNL) 25
15:20-15:45	Optimisation of non-linear dynamics with multi-objective algorithms	V. Sajaev (APS) 25
15:45-16:10	Particle tracking in insertion devices	G. Wuestefeld (HZB) 25
16:10-16:30	Coffee Break	20
Session 4 convenor: M. Biagini (INFN-LNF)		
"15 minutes of fame"; Short oral contributions of applications to local specific conditions		
16:30-16:45	Alternative to damping wigglers to minimize emittance	W. Guo (BNL) 15
16:45-17:00	Vertical emittance tuning at the Australian Light Source	E. Tan (Australian Light Source) 15
17:00-17:15	Non-linear dynamics of CLIC damping rings	Y. Renier (CERN) 15
17:15-18:15	Wrap up and animated discussion	60
18:30-20:00	Open Bar	Total 9.8
DAY 2: Tuesday 04/10/2011 COLLECTIVE EFFECTS		
Session 1 convenor: J. Urakawa (KEK)		
9:00-9:45	Setting the scene: Review of collective effects for low emittance rings	R. Nagaoka (SOLEIL) 45
9:45-10:10	Lattice design optimisation for high bunch densities	F. Antoniou (CERN) 25
10:10-10:35	Intrabeam scattering theory and measurements	K. Bane (SLAC) 25
10:35-11:00	Intrabeam scattering simulations in low emittance rings	T. Dema (INFN-LNF) 25
11:00-11:20	Coffee Break	20
Session 2 convenor: R. Nagaoka (SOLEIL)		
11:20-11:45	Experimental program in ATF	N. Terunuma (KEK) 25
11:45-12:10	Ion effects in low emittance rings	L. Wang (SLAC) 25
12:10-12:35	e-cloud experiments and instabilities: the CESR-TA experience	M. Palmer (Cornell) 25
12:35-13:00	Physics and Efficient Calculation of Short Bunches Wakefields	B. Podobedov (BNL) 25
13:00-14:30	Lunch Break	90
Session 3 convenor: A. Muller (KIT-ANKA)		
14:30-14:55	Coherent synchrotron radiation: theory and simulations	A. Novokhatski (SLAC) 25
14:55-15:20	CSR observations and studies at ANKA	V. Judin (KIT) 25
15:20-15:45	Impedance budget and effect of chamber coating on CLIC DR beam stability	E. Koukovini-Platia (CERN) 25
15:45-16:10	Low alpha operation at the MLS (Metrology light source)	M. Ries (HZB) 25
16:10-16:30	Coffee Break	25
Session 4 convenor: Y. Papaphilippou (CERN)		
16:30-17:30	Wrap up and animated discussion	60
17:30-18:00	Low Emittance Rings collaboration: the next steps	Y. Papaphilippou 30
18:00-19:30	Open Bar	Total 9.1
DAY 3: TECHNOLOGIES		
Session 1 convenor: T. Lefevre (CERN)		
9:00-9:45	Setting the scene: Low emittance rings technology	E. Wallen (Maxlab) 45
9:45-10:10	Some emittance measurement techniques	A. Andersson (Maxlab) 25
10:10-10:35	Pulsed laser wire development for damping rings	J. Urakawa (KEK) 25
10:35-11:00	Trends in BPM system design	M. Wendt (FNAL) 25
11:00-11:20	Coffee Break	20
Session 2 convenor: M. Palmer (Cornell)		
11:20-11:45	Results on recent technology developments at ATF	N. Terunuma (KEK) 25
11:45-12:10	Multi-bunch feedback system review and challenges for 1-2GHz	T. Nakamura (JASRI-Spring8) 25
12:10-12:35	Low emittance instrumentation in CESR-TA	M. Billing (Cornell) 25
12:35-13:00	A surface study on the origin of SEY reduction on accelerator walls	R. Cimino (INFN-LNF) 25
13:00-14:30	Lunch Break	90
Session 3 convenor: A. Bernhard (KIT)		
14:30-14:55	Super-conducting id technology: choice of conductor and cooling principle	P. Peiffer (KIT) 25
14:55-15:20	SPring 8 upgrade: Strong magnets for ultimate storage rings	K. Fukami (JASRI-Spring8) 25
"15 minutes of fame"; Short oral contributions of applications to local specific conditions		
15:20-15:35	SC wiggler development at Novosibirsk	K. Zolotarev (BINP) 15
15:35-15:50	SCU development at Argonne	V. Sajaev (ANL) 15
15:50-16:15	Coffee Break	25
Session 4 convenor: H. Schmickler (CERN)		
16:15-16:30	ATF ring BPMs	N. Eddy (FNAL) 15
16:30-16:45	SPring 8 upgrade : a fast kicker system for beam injection	T. Nakamura (JASRI-Spring8) 15
16:45-17:00	Inductive adders as low jitter, ultra flat DR extraction pulser	M. Barnes (CERN) 15
17:00-17:15	R&D on striplines for the CLIC DR kickers	C. Belver-Aguilar (IFIC) 15
17:15-18:15	Wrap up and animated discussion	60
	Total	9.3