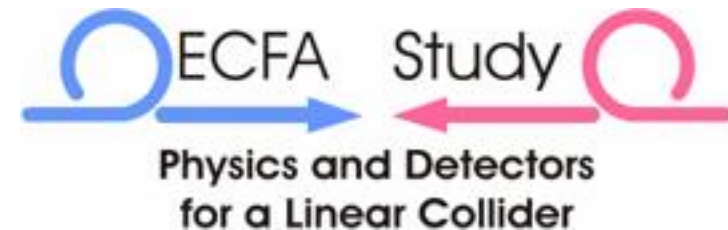




Working group on Damping rings, ATF and CESR/TA

S. Guiducci (INFN/LNF), M. Palmer (Cornell),
Y. Papaphilippou (CERN), J. Urakawa (KEK/ATF)

October 20th, 2010





WELCOME!



Some info...

- Working group organised in parallel during Wednesday and Thursday, starting at 9am and finishing at 6pm, in roughly 8 sessions (4 per day)
- There are 2 common sessions (+ a common talk)
- Updated timetable and room information is provided in **indico**: <http://ilcagenda.linearcollider.org/conferenceOtherViews.py?view=standard&confId=4507>
- Speakers should
 - Upload their contributions in indico
 - Contact any of the conveners in case of problem
 - Copy their presentation in a USB stick to avoid download hick-ups
 - Leave at least 5min at the end of their allocated time for discussion



Wednesday morning



Opening session, Chaired by M. Palmer, room 17, Floor -1

9:00	Working group organisation	Y. Papaphilippou, CERN
9:15	Design progress for the ILC Damping Rings	S. Guiducci, INFN/LNF
9:45	Conceptual design of the CLIC Damping Rings	Y. Papaphilippou, CERN
10:15	ATF status	J. Urakawa, KEK
10:45	Coffee break	

Lattice design and Low emittance tuning, Chaired by R. Bartolini, room 17, Floor -1

11:15	Update of 3.2 km ILC DR design	J. Gao, IHEP
11:40	Low emittance tuning at CERTA	J. Shanks, Cornell
12:05	Australian synchrotron low-emittance tuning progress	E. Tan, R.Dowd, Australian Synchrotron
12:30	Lunch break	



Wednesday afternoon



X-ray storage rings and kickers, Chaired by S. Guiducci, room 16, Floor -1

14:00	DIAMOND status	R. Bartolini, JAI/DIAMOND
14:30	ATF fast kicker progress (Webex)	T. Naito, KEK
14:55	Update on fast pulser design/prototyping for the ILC kickers (Webex)	C. Burkhardt, SLAC
15:20	CLIC extraction systems (common with WG6, 7 and 8, in Room 2, Floor 0)	M. Barnes, CERN
15:40	Coffee break	

RF systems (Common with WG8 and 4), Chaired by A. Grudiev, room 2, Floor 0

16:00	Introduction	S. Guiducci, INFN
16:10	Transient beam loading correction at ILC DR	K. Kubo, KEK
16:35	RF system issues due to pulsed beam in ILC DR	S. Belomestnykh, Cornell
17:00	Conceptual design of the CLIC DR RF system	A. Grudiev, CERN
17:25	Discussion on 50% duty cycle operation of the ILC DR and synergies with CLIC DR RF design	ALL
18:00	End of the first day	



Thursday morning



Instabilities, Chaired by J. Urakawa, room 17, Floor -1		
9:00	Collective instabilities simulations for the CLIC damping rings	E. Koukovini-Platia, CERN
9:30	Observations and Analysis of Fast Beam-Ion Instabilities at SOLEIL	R. Nagaoka, SOLEIL
10:00	Coherent synchrotron radiation for damping rings: theory and experimental proposal	F. Zimmermann, CERN
10:30	Coffee break	

E-cloud, Chaired by G. Rumolo, room 17, Floor -1		
11:00	Electron Cloud instability measurements	M. Billing, Cornell
11:30	Electron cloud mitigation at CESR-TA	M. Palmer, Cornell
12:00	Lunch break	



Thursday afternoon



IBS, Chaired by Y. Papaphilippou, room 17, Floor -1

14:00	Simulation of Intrabeam scattering	A. Vivoli, CERN
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14:30	Discussion on DR RF issues (if needed)	All
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15:30	Coffee break	
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Wigglers (Common with WG8), Chaired by H Schmickler, room 22, Floor 0

16:00	Design and prototyping of Nb ₃ Sn wigglers for the CLIC damping rings	D. Schörling, CERN
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16:20	Short period NbTi wiggler prototype for CLIC damping ring	A. Bragin, BINP
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16:40	Progress on the superconducting undulator for ANKA and on the instrumentation for R&D	S. Casalbuoni, ANKA
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Closing session, Chaired by Y. Papaphilippou, room 17, Floor -1

17:00	Recommendation on ILC DR EC mitigation (webex)	M. Pivi, SLAC
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17:30	Discussion on future R&D planning, experimental program and LER collaboration	All
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18:00	End of the working group	
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