



# CLIC09 Workshop

## Wednesday, October 14, 2009

### WG3 - Beam Physics/Low emittance transport - 40-S2-C01 (9:00 AM - 6:00 PM)

time	[id] title	presenter
9:00 AM	[196] Collimation system review	RESTA LOPEZ, Javier
9:20 AM	[197] FFS review, options and tuning	SERYI, Andrei
9:40 AM	[198] Post-Collision line review	GSCHWENDTNER, Edda
10:00 AM	[199] From 500GeV to 3TeV	ANGAL-KALININ, Deepa
10:20 AM	[200] Discussion	
10:30 AM	coffee break	
11:00 AM	[201] BDS collective effects review	RUMOLO, Giovanni
11:15 AM	[202] Solenoid and SR effects	DALENA, Barbara
11:30 AM	[203] Polishing collimation optics	Mr JACKSON, Frank
11:45 AM	[204] HTGEN and muons in the CLIC BDS	BURKHARDT, Helmut
12:00 PM	[205] Dielectric collimators	KANAREYKIN, Alexei
12:15 PM	[206] Discussion	
12:30 PM	lunch	
2:00 PM	[207] Beam-beam background estimates	DALENA, Barbara
2:15 PM	[208] Very Forward Region and Beam-Beam-Background	SAILER, Andre Philippe
2:30 PM	[209] Electromagnetic background from the spent beamline	SALT, Michael
2:45 PM	[210] Energy stages overview	SCHULTE, Daniel
3:00 PM	[211] Luminosity overview	CORSINI, Roberto
3:15 PM	[212] Risk registry, limitations, solutions and implications	SERYI, Andrei
3:30 PM	coffee break	
4:00 PM	[84] Introduction	
4:10 PM	[82] Frequency Multiplication system design for the Drive Beam	BISCARI, Caterina
4:40 PM	[83] discussion	
4:50 PM	[85] First calculations on Beam Loading in the CLIC RF deflectors	Dr ALESINI, David
5:10 PM	[86] discussion	
5:20 PM	[87] Ring to Main Linac beam transport	Dr STULLE, Frank
5:40 PM	[88] discussion	

# Thursday, October 15, 2009

## WG3 - Beam Physics/Low emittance transport - 40-S2-C01 (9:00 AM - 6:00 PM)

time	[id] title	presenter
9:00 AM	[89] How to establish a Straight Line on the Dynamic Curved Surface of the Earth	GUILLAUME, Sebastien
9:20 AM	[91] discussion	
9:30 AM	[92] Magnetic Background Issues above 1Hz for CLIC beams	JACH, Cesary
9:50 AM	[93] discussion	
10:00 AM	[94] Drive Beam Linac Stability Issues	AKSOY, Avni
10:20 AM	[95] discussion	
10:30 AM	Coffee break	
11:00 AM	[96] Long distance Optical Fibers with fs resolution	Prof. ILDAY, F. Ömer
11:20 AM	[97] discussion	
11:30 AM	[98] The Bunch Arrival Time Monitor at the PSI 250 MeV Injector	ARSOV, Vladimir
11:50 AM	[99] discussion	
12:00 PM	[100] Femtosecond optical synchronization system for FLASH	Dr FELBER, Matthias
12:20 PM	[101] discussion	
12:30 PM	lunch	
2:00 PM	[224] Status of ATF Damping Ring Low Emittance Performance	Dr KUBO, Kiyoshi
2:20 PM	[225] discussion	
2:30 PM	[226] Status of ATF2	Dr OKUGI, Toshiyuki
2:50 PM	[227] discussion	
3:00 PM	[228] Status of ultra-low beta proposal at ATF2	MARIN LACOMA, Eduardo
3:20 PM	[229] discussion	
3:30 PM	break	
4:00 PM	[81] Beam Phase Monitor for CLIC and CTF3: pick-up design	Dr MARCELLINI, fabio
4:20 PM	[90] discussion	
4:30 PM	[219] Drive beam generation in CTF3	Dr BETTONI, Simona
4:50 PM	[220] discussion	
5:00 PM	[221] Linear Collider activities at Cesr-TA	Dr PALMER, Mark
5:20 PM	[222] discussion	
5:30 PM	[223] Discussion on test facilities future program	CORSINI, Roberto