

International Workshop on Linear Colliders 2010 (ECFA-CLIC-ILC Joint Meeting)

Wednesday, 20 October 2010

Accelerator Session: Joint WG 5+9+ECFA - Room 21 - floor "0" (08:30 - 10:00)

time	[id] title	presenter
08:30	[542] Webex Information	
08:31	[282] ILC MDI	Prof. SERYI, Andrei
08:50	[283] CLIC MDI	GATIGNON, Lau
09:10	[293] IR location for the shallow site near Dubna	DUDAREV, Andrey
09:30	[295] Civil engineering for CLIC MDI	GASTAL, Martin

Accelerator Session: WG 1 (Sources) - Room 19 floor "3" (08:30 - 10:50)

-Conveners: Tsunehiko Omori

time	[id] title	presenter
08:30	[461] Welcome to Sources working group	Prof. CLARKE, Jim LOUIS, Rinolfi Dr OMORI, tsunehiko
09:00	[462] ILC e- and e+ sources overview	Prof. CLARKE, Jim
09:30	[465] CLIC e- and e+ sources overview	LOUIS, Rinolfi
10:00	[466] ILC-CLIC e+ generation working group	Prof. CLARKE, Jim

Accelerator Session: WG 3 (Main Linac and superconducting RF) - Room 23 - floor "0" (08:30 - 10:00)

time	[id] title	presenter
08:30	[507] WG3 WebEx information for Oct. 20 (Wednesday)	
08:31	[410] Technical specification/Introduction and Objectives	Prof. YAMAMOTO, Akira
08:40	[411] Cavity technical specification	HAYANO, Hitoshi
09:00	[412] US cavity specification	GINSBURG, Camille
09:20	[413] Cryomodule Technical specification	Dr OHUCHI, Norihito
09:40	[414] Cost estimate information and discussion	GARBINCIUS, Peter

Accelerator Session: WG 4 (Main Linac and normal conducting RF) - Room 6 - floor "3" (08:30 - 10:00)

time	[id] title	presenter
08:30	[275] Reort from NLCTA	ADOLPHSEN, Chris
09:00	[276] Report from ASTA	CAPPELLETTI, Alessandro
09:30	[277] Report from NEXTEF	Dr HIGO, Toshiyasu

Accelerator Session: WG 7 (Low emittance transport and integrated simulations) - Room 20 - floor "3" (08:30 - 10:00)

time	[id] title	presenter
08:30	[329] WG7 Introduction	Dr STULLE, Frank Dr KUBO, Kiyoshi Dr SOLYAK, Nikolay
08:40	[330] ILC RTML Overview	Dr LATINA, Andrea
09:00	[331] CLIC RTML Overview	Dr STULLE, Frank
09:20	[332] CLIC RTML Emittance Measurement	GARCIA, Hector
09:40	[333] Summary of ILC Main Linac Specs	Dr KUBO, Kiyoshi

Accelerator Session: WG 6 (Drive beam complex and CTF3) - Room 5 floor "3" (08:45 - 10:10)**-Conveners: Roger Ruber**

time	[id] title	presenter
08:45	[364] Welcome	RUBER, Roger
09:00	[365] Overview and Beam Physics	ADLI, Erik
09:30	[366] Powered Magnets, DB Formation and Decelerator	VOROZHTSOV, Alexey
09:50	[367] Serial Magnet Powering Scheme	PITTET, Serge

Accelerator Session: WG 2 (Damping rings, ATF and CESR-TA) - Room 17 (floor "-1" (09:00 - 10:45)**-Conveners: Mark Palmer**

time	[id] title	presenter
09:00	[527] Working group organisation	PAPAPHILIPPOU, Yannis
09:15	[528] Design progress for the ILC Damping Rings	Dr GUIDUCCI, Susanna
09:45	[529] Conceptual design of the CLIC Damping Rings	PAPAPHILIPPOU, Yannis
10:15	[530] ATF status	Prof. URAKAWA, Junji

Accelerator Session: WG 8 (Instrumentation) - Room 4 - floor "0" (09:00 - 10:30)

time	[id] title	presenter
09:00	[180] Progress on instrumentation	Mr LEFEVRE, Thibaut
09:20	[179] BPM R&D for ILC&CLIC ML, BPM readout electronics	Mr WENDT, Manfred
09:40	[182] CLIC Drive Beam BPMs	SMITH, Steve
10:00	[187] XUV ODR monitor project @ CESR-TA	Mr BILING, Michael Mr LEFEVRE, Thibaut

Accelerator Session: Combined session WG 5 + ECFA - Room 21 - floor "0" (10:30 - 12:30)

time	[id] title	presenter
10:30	[543] Webex Information	
10:31	[296] ILC BDS	ANGAL-KALININ, Deepa

10:50	[297] CLIC BDS	Dr TOMAS, Rogelio
11:10	[298] ILC luminosity optimisation in the presence of the detector solenoid and anti-DID	VERSTEEGEN, Reine
11:30	[299] CLIC solenoid and anti-solenoid impact	DALENA, Barbara
11:50	[448] ILC QDO R&D update	Dr PARKER, Brett

Accelerator Session: WG 3 (Main linac and superconducting RF) - Room 23 - floor "0" (10:30 - 12:30)

time	[id] title	presenter
10:30	[415] Industrialization model and progress; How to communicate with industry	Prof. YAMAMOTO, Akira
10:50	[416] Experience of the LHC cryostat assembly on site at CERN	PARMA, Vittorio
11:10	[418] Experience from European XFEL Project	Dr WEISE, Hans
11:30	[419] Progress and further study plan in America	KERBY, Jim
11:50	[420] Progress and further study plan in Asia	HAYANO, Hitoshi
12:10	[421] Comments from AAP/PAC	
12:15	[422] general discussion	

Accelerator Session: WG 4 (Main linac and normal conducting RF) - Room 6 - floor "3" (10:30 - 12:30)

time	[id] title	presenter
10:30	[278] Report from single-cell test area	Dr DOLGASHEV, Valery
10:55	[440] New single cell design	JEFF, Neilson
11:10	[279] Report from TBTS	IGOR, Syratchev
11:40	[280] Report from TBL	DOEBERT, Steffen
12:05	[281] Report from CLIC-klystron test area	SCHIRM, Karl-Martin

Accelerator Session: WG 6 (Drive beam complex and CTF3) - Room 5 floor "3" (10:30 - 12:00)

-Conveners: Erik Adli

time	[id] title	presenter
10:30	[368] Power Extraction and Transfer Structures	CAPPELLETTI, Alessandro
11:00	[369] Decelerator Test Beam Line : status , drive beam power production	LILLESTOL, Reidar Lunde
11:20	[370] Transient Beam Loading Compensation	KONONENKO, Oleksiy
11:40	[371] Permanent Magnet Quadrupoles	CLARKE, Jim

Accelerator Session: WG 7 (Low emittance transport and integrated simulations) - Room 20 - floor "0" (10:30 - 12:30)

time	[id] title	presenter
10:30	[334] CLIC Main Linac Overview	Dr STULLE, Frank
10:50	[335] Fast Beam Ion Instabilities in the CLIC Main Linac	OEF TIGER, Adrian
11:10	[336] CLIC Magnetic Stray Field Studies	SNUVERINK, Jochem

11:30	[337] ILC Integrated Studies	Dr LATINA, Andrea
11:50	[338] CLIC Integrated Studies	Dr RESTA LOPEZ, Javier
12:10	[339] Discussion	

Accelerator Session: WG 9 (Civil engineering and scheduling) - Room 15 - floor "-1" (10:30 - 12:30)

time	[id] title	presenter
10:30	[241] CLIC Project Schedule Status	FORAZ, Katy
11:00	[242] ILC Project Schedule	GARBINCIUS, Peter
11:30	[245] Discussion	

Accelerator Session: WG 1 (Sources) - Room 19 floor "3" (11:00 - 12:30)

-Conveners: Tsunehiko Omori

time	[id] title	presenter
11:00	[470] Which type of polarimetry, at which energies for LC ?	RIEMANN, Sabine
11:30	[484] Review of the risks for e+ sources	KURIKI, Masao
12:00	[463] REview of spin rotators for LC	Dr LATINA, Andrea

Accelerator Session: WG 8 (Instrumentation) - Room 4 - floor "0" (11:00 - 12:30)

time	[id] title	presenter
11:00	[189] Instrumentation progress at ATF2	Dr TAUCHI, Toshiaki
11:20	[190] Fibre Lasers for advanced beam diagnostics	Ms CORNER, Laura
11:40	[191] Longitudinal diagnostics for CLIC	Ms DABROWSKI, Anne
12:00	[192] Specifications of technical equipment for BDS	Mr TOMAS GARCIA, Rogelio

Accelerator Session: WG 2 (Damping rings, ATF and CESR-TA) - Room 17 (floor "-1" (11:15 - 12:30)

-Conveners: Riccardo Bartolini

time	[id] title	presenter
11:15	[531] Update of 3.2 km ILC DR design	Prof. GAO, Jie
11:40	[532] Low emittance tuning at CESR-TA	Mr SHANKS, Jim
12:05	[533] Australian synchrotron low-emittance tuning progress	Mr TAN, Eugene

Accelerator Session: Joint WG 6+7+8 - Room 2 floor 0 (14:00 - 15:40)

time	[id] title	presenter
14:00	[578] webex information	
14:01	[194] Concept of MB-DB phase alignment and status of solutions	SCHULTE, Daniel
14:20	[195] Update on specifications	Mr SERRANO, Javier
14:40	[197] Measurements on phase stability in CTF3	Mr MORPURGO, Giulio

15:00	[198] FONT + Fast Kicker for MB/DB phase correction	Prof. BURROWS, Philip
15:20	[199] CLIC kicker systems	Mr BARNES, Mike

Accelerator Session: WG 1 (Sources) - Room 19 floor "3" (14:00 - 16:50)**-Conveners: Olivier Dadoun**

time	[id] title	presenter
14:00	[472] Flux concentrator for Super KEKB	KAMITANI, Takuya
14:30	[473] French 4-mirrors cavity results	Prof. ZOMER, fabian
15:00	[474] Japanese cavity: results, status and future	Dr OMORI, tsunehiko
16:00	[475] Liquid lead target tests	Dr OMORI, tsunehiko
16:30	[471] Status of hybrid targets R&D	Dr TAKAHASHI, Tohru

Accelerator Session: WG 3 (Main linac and superconducting RF) - Room 23 - floor "0" (14:00 - 15:40)

time	[id] title	presenter
14:00	[423] S1-G Cavity Test Summary	KAKO, Eiji
14:20	[424] S1-G Cryomodule Thermal Performance	Dr OHUCHI, Norihito
14:40	[425] S1-G GRP/Cavities movement during cool-down	Prof. TSUCHIYA, Kiyosumi
15:00	[427] S1-G Tuner Performance Study	PAGANI, Carlo
15:20	[426] DRFS test preparation at S1-G	Dr FUKUDA, Shigeki

Accelerator Session: WG 4 (Poster session) - EP floor "2" (14:00 - 15:30)

time	[id] title	presenter
14:00	[560] Design and fabrication update on PSI/Trieste x-band phase-space rotator structure (D. Gudkov, A. Samoshkin, JINR, Dubna, Russia, G. Riddone, R. Zennaro, S. Atieh, CERN, Geneva, Switzerland, M. Dehler, J-Y. Raguin, PSI, Villigen, Switzerland)	
14:01	[561] Engineering design and fabrication of X-band damped detuned structure (V. Soldatov, D. Gudkov, A. Samoshkin (JINR); G. Riddone, A. Grudiev, S. Atieh, A. D'Elia (CERN); V. F. Khan, R. M. Jones (UMAN/Cockroft)	
14:02	[562] Engineering design and fabrication of X-band ac. structure TD24 with WFM (F. Peauger, P. Girardot, CEA Saclay, France, A. Andersson, G. Riddone, S. Atieh, CERN, Geneva, Switzerland, A. Samoshkin, A. Solodko, D. Gudkov, JINR, Dubna, Russia, R. Zennaro, PSI, Villigen, Switzerland)	
14:03	[563] Engineering design and fabrication of X-band ac. structures TD24 R05 and TD24 R05 SiC (G. Riddone, A. Grudiev, S. Atieh, CERN, Geneva, Switzerland, A. Solodko, A. Samoshkin, D. Gudkov, JINR, Dubna, Russia)	
14:04	[564] Engineering design and fabrication of PETS (D. Gudkov, V. Soldatov, , A. Samoshkin, A. Olyunin (JINR); S. Atieh, I. Syratchev, G. Riddone (CERN))	
14:05	[565] Conceptual design X-band ac. structure TD26 CC SiC (A. Grudiev, G. Riddone, CERN, Geneva, Switzerland, A. Samoshkin, A. Solodko, D. Gudkov, JINR, Dubna, Russia)	

14:06	[566] Fabrication of X-band RF accelerating structures at CERN (S. Lebet, Ph. De Souza, M. Aicheler, M. Malabaila, M. Taborelli, S. Atieh, CERN, V. Sibue, BODYCOTE)	
14:07	[567] Engineering design and Production of X-band RF components (G. Riddone, I. Syratchev, CERN, Geneva, Switzerland, I. Kossyvakis, NTUA, Greece, M. Filippova, A. Solodko, A. Olyunin, JINR, Dubna, Russia)	
14:08	[568] Integration of RF structures in the two-beam module (A. Samoshkin, D. Gudkov JINR, Dubna, Russia, G. Riddone, CERN)	
14:09	[569] Thermo-mechanical model of two-beam module (R. Nousiainen, G. Riddone, K. Österberg)	
14:10	[570] Studies on high-precision machining and assembly of CLIC RF structures (J. Huopana, S. Atieh, G. Riddone, K. Österberg)	
14:11	[571] Manufacturing and Test folder for RF structures and RF components (H. Tiainen, R. Bray, M. Saifouline, M. Filippova)	
14:12	[576] A DAMPED AND DETUNED STRUCTURE FOR THE MAIN LINACS FOR CLIC (V. F. Khan, A. D'Elia, A. Grudiev, R. M. Jones, G. Riddone, V. Soldatov, W. Wuensch, R. Zennaro, School of Physics and Astronomy, The University of Manchester, Manchester, U.K., The Cockcroft Institute of Accelerator Science and Technology, Daresbury, U.K., CERN, Geneva, Switzerland, JINR, Dubna, Russia, PSI, Villigen, Switzerland)	
14:13	[577] A HIGH PHASE ADVANCE DAMPED AND DETUNED STRUCTURE FOR THE MAIN LINACS OF CLIC (V. F. Khan, A. D'Elia, A. Grudiev, R. M. Jones, W. Wuensch, School of Physics and Astronomy, The University of Manchester, Manchester, U.K., The Cockcroft Institute of Accelerator Science and Technology, Daresbury, U.K., CERN, Geneva, Switzerland)	
14:14	[602] Comparative studies of rf and dc breakdowns (J.W.Kovermann, CERN and 3.Phys.Inst. B, RWTH Aachen, Germany)	
14:15	[603] A SLED type pulse compressor for the CERN X-band test stand (J.W.Kovermann, K.Schirm, S.Doebert, I.Syratchev (CERN Switzerland))	
14:16	[604] Molecular Dynamics simulations of nanoscale metal tips under electric fields including electronic processes (S. Parviainen, F. Djurabekova, K. Nordlund (Helsinki Institute of Physics (HIP) and Department of Physics))	
14:17	[605] Dislocations emitted from void under tensile stress – growth on surface (A. Pohjonen, F. Djurabekova, K. Nordlund, A. Kuronen (Helsinki Institute of Physics (HIP) and Department of Physics), S. Fitzgerald (Culham Centre for Fusion Energy, Abingdon))	
14:18	[606] Particle-In-Cell & Molecular Dynamics modelling of vacuum arcs (H. Timko, F. Djurabekova, K. Nordlund, S. Parviainen, A. Pohjonen, A. Ruzibaev, J. Samela (HIP), K. Matyash, R. Schneider (IPP), S. Calatroni, M. Taborelli, W. Wuensch (CERN))	
14:19	[607] DC Spark Setup (S. Calatroni, J. Kovermann, C. Pasquino, R. Santiago Kern, M. Taborelli, H. Timko (CERN))	
14:20	[608] DC Breakdown Measurements (S. Calatroni, A. Descoeudres, C. Pasquino, R. Santiago Kern, M. Taborelli, H. Timko (CERN))	
14:21	[609] Announcement of Workshop "Mechanisms of Vacuum Arcs" (F. Djurabekova, K. Nordlund (HIP), W. Wuensch, S. Calatroni (CERN))	
14:22	[610] Tuning of CLIC Accelerating Structure Prototypes at CERN (Jiaru Shi, Alexej Grudiev, Andrey Olyunin, Walter Wuensch (CERN))	
14:23	[611] Some information from Nextef (Toshiyasu Higo (KEK))	

14:24	[612] SEM In-situ Field Emission Experiments for Breakdown Study (SEM In-situ Field Emission Experiments for Breakdown Study (Uppsala University, Uppsala, Sweden))	
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Accelerator Session: WG 5 (Interaction region, ATF2 and MDI) - Room 21 - floor "0" (14:00 - 15:30)

time	[id] title	presenter
14:00	[256] CLIC Post-collision line and dumps	GSCHWENDTNER, Edda
14:20	[257] CLIC Crab cavities	Dr DEXTER, Amos
14:40	[258] 500 GeV CLIC BDS	ZAMUDIO ASCENCIO, Guillermo

Accelerator Session: WG 9 (Civil engineering and scheduling) - room 15 - floor "-1" (14:00 - 15:30)

time	[id] title	presenter
14:00	[248] Lessons from LHC Helium Release and Radiation to Electronics	WEISZ, Sylvain
14:20	[250] CLIC CES Chapter for CDR	OSBORNE, John Andrew
14:40	[251] Cryogenic Systems for Asian Sites	HOSOYAMA, Kenji
15:00	[252] Discussion	

Accelerator Session: Joint WG 2+4+8 - Room 2 - floor "0" (16:00 - 18:00)**-Conveners: Alexej Grudiev**

time	[id] title	presenter
16:00	[200] Introduction	GUIDUCCI, Susanna
16:10	[201] Transient beam loading correction at ILC DR	Dr KUBO, Kiyoshi
16:35	[202] RF system issues due to pulsed beam in ILC DR	BELOMESTNYKH, Sergey
17:00	[203] Conceptual design of the CLIC damping rings RF system	Mr GRUDIEV, Alexej
17:25	[204] Discussion on 50% duty cycle operation of the ILC DR and synergies with CLIC DR RF design	

Accelerator Session: Joint WG 3 + 9 - Room 23 - floor "0" (16:00 - 18:00)

time	[id] title	presenter
16:00	[253] Design Progress for Asian Single Tunnel Configuration	Mr MIYAHARA, MASANOBU
16:30	[254] Review of Main Linac Tunnel Dimensioning	Dr ENOMOTO, atsushi
17:00	[255] Discussion	

Accelerator Session: Joint WG 5 +7 - Room 21 - floor "0" (16:00 - 18:00)

time	[id] title	presenter
16:00	[266] IP feedback performance in ILC and CLIC	Dr RESTA LOPEZ, Javier
16:20	[267] Correction of ground motion in the CLIC BDS	SNUVERINK, Jochem

16:40	[268] CLIC FFS tuning overview	DALENA, Barbara
17:00	[269] CLIC FFS new tuning techniques	Dr LATINA, Andrea
17:20	[270] Overall simulation of luminosity preservation	SCHULTE, Daniel

Accelerator Session: WG 1 (Sources) - Room 19 floor "3" (16:00 - 18:20)

-Conveners: Tohru Takahashi

time	[id] title	presenter
17:00	[476] Review of polarized electron sources for LC	Dr SHEPPARD, John
17:30	[477] Where we are with lasers performance for polarized e- sources ?	PETRARCA, Massimo
18:00	[478] CEBAF experience with high voltage gun	POELKER, Matt

Accelerator Session: WG 4 (Poster Session) (16:00 - 18:00)

Accelerator Session: WG 6 (Drive beam complex and CTF3) - Room 5 floor "3" (16:10 - 18:10)

-Conveners: Frank Tecker

time	[id] title	presenter
16:10	[372] CTF3 instrumentation, opportunities and limitations	DABROWSKI, Anne
16:50	[373] CTF3 BPMs : electronics, radiation, operational challenges	SOBY, Lars
17:10	[374] Longitudinal beam profiling with coherent diffraction radiation	LEKOMTSEV, Konstantin
17:30	[375] Current stability of the CTF3 beam	STERBINI, Guido
17:50	[376] Phase stability of the CTF3 beam	DUBROVSKIY, Alexey