

CLIC Workshop 2018

Monday, January 22, 2018

Accelerator - Parallel sessions: X-band Technologies - High Grad Tests & RF design - 503/1-001 - Council Chamber

(1:30 PM - 6:10 PM)

-Conveners: Walter Wuensch; Alexej Grudiev

time	[id] title	presenter
1:30 PM	[M7] News from NEXTEF	HIGO, Toshiyasu
1:55 PM	[M8] High-gradient results at CERN I	VNUCHENKO, Anna
2:20 PM	[M9] High-gradient results at CERN II	Mr PASZKIEWICZ, Jan
2:45 PM	[M0] RF Breakdown study and high-gradient performance of Choke-mode test structures	SHI, Jiaru
3:10 PM	[M1] New RF design of X-band deflector to be tested in X-box	TAN, Jianhao
3:35 PM	Coffee Break	
4:00 PM	[M2] DaCurrent frequency dependence: measurement and simulation	LUCAS, Thomas Geoffrey
4:25 PM	[M3] High-gradient simulation at Helsinki	KYRITSAKIS, Andreas DJURABEKOVA, Flyura
4:50 PM	[M4] Dislocation studies in Jerusalem	WUENSCH, Walter ASHKENAZY, Yinon
5:15 PM	[M5] Ultrasound microscope	Mr MERILÄINEN, Antti
5:40 PM	[M6] Status of high gradient studies at Uppsala	JACEWICZ, Marek
6:05 PM	[M64] X-band announcements	

Accelerator - Parallel sessions: Beam Dynamics (1: Injectors + ML + RTML - 2: DR) - 6/2-024 - BE Auditorium Meyrin

(2:00 PM - 6:32 PM)

-Conveners: Steffen Doebert; Yannis Papaphilippou; Daniel Schulte; Andrea Latina

time	[id] title	presenter
2:00 PM	[M5] Positron Source Optimisation	HAN, Yanliang
2:25 PM	[M9] Update on the RTML Performance Studies	HAN, Yanliang
2:50 PM	[M0] Main Linac Lattice Optimisation at 380 GeV	SCHULTE, Daniel BLASKOVIC KRALJEVIC, Neven
3:15 PM	[M1] Main Linac Operation at 350 GeV	BLASKOVIC KRALJEVIC, Neven
3:35 PM	Coffee Break	
4:00 PM	[M2] Stray fields mitigation strategies	GOHIL, Chetan
4:30 PM	[M6] CLIC DR design using variable bends and high-field wigglers	PAPADOPOULOU, Stefania
5:00 PM	[M7] High-frequency impedance measurements of coated wave-guides	PASSARELLI, Andrea

Tuesday, January 23, 2018

Accelerator - Parallel sessions: X-band Technologies - Test Stands and Components - 503/1-001 - Council Chamber (9:00 AM - 1:00 PM)

-Conveners: Nuria Catalan Lasheras; Walter Wuensch

time	[id] title	presenter
9:00 AM	A17 Status of X-band RF system as linearizer in SXFEL	HUANG, Xiaoxia
9:25 AM	A18 Xbox status	DEL POZO ROMANO, Veronica
9:50 AM	A19 Test stand and ICS preparation in Melbourne	VOLPI, Matteo
10:15 AM	A20 LNF X-band test stand and linac plans	GALLO, Alessandro
10:40 AM	Coffee Break	
11:00 AM	A21 RF system status in SXFEL: C-band, X-band and S-band	FANG, Wencheng
11:25 AM	A22 LLRF system for the L-band test stand	DORDA MARTIN, Ana
11:50 AM	A23 Correction cavity chain for RF pulse compression	SHI, Jiaru
12:15 PM	A24 Progress on Fabrication of an Accelerating Structure for CLIC	TORAL, Fernando
12:40 PM	A25 Submicron accurate CLIC accelerating structure internal alignment quantification	MONTONEN, Risto

Accelerator - Parallel sessions: Beam Dynamics (BDS+DBRC+Stray Fields) - 6/2-024 - BE Auditorium Meyrin (9:00 AM - 1:00 PM)

-Conveners: Rogelio Tomas Garcia; Daniel Schulte; Andrea Latina

time	[id] title	presenter
9:00 AM	A23 Drive Beam Electron Source: the LEETCHI test facility	PEPITONE, Kevin DOEBERT, Steffen
9:25 AM	A24 Drive Beam Linac Optimisation	AKSOY, Avni
9:50 AM	A25 Drive Beam Recombination Complex Optimisation	COSTA, Raul
10:15 AM	A25 High power RF/microwave systems R & D for linear electron accelerators at RRCAT	SHRIVASTAVA, Purushottam
10:35 AM	Coffee Break	
11:00 AM	A27 BDS Tuning with Dynamic Effects	MARIN LACOMA, Eduardo
11:25 AM	A28 BDS Design with longer $L^* = 6m$	PLASSARD, Fabien
11:50 AM	A29 Crystal Focusing for FFS	CILENTO, Vera
12:15 PM	A30 Global Orbit Feedforward in the FFS	BREUNLIN, Jonas
12:40 PM	A31 IP Background Studies	AROMINSKI, Dominik

Accelerator - Parallel sessions: X-band Technologies - Fabrication / CLIC Module / Technical Systems - 503/1-001 - Council Chamber (2:00 PM - 6:00 PM)

-Conveners: Carlo Rossi; Nuria Catalan Lasheras; Walter Wuensch

time	[id] title	presenter
2:00 PM	[M3] Solutions for the CLIC Module new architecture.	VAMVAKAS, Alex AICHELER, Markus
2:20 PM	[M4] Heat load calculations, modelling and experimental program.	LAM, Edmond AICHELER, Markus
2:40 PM	[M5] RF developments for the CLIC module	SERPICO, Claudio
3:00 PM	[M6] Active repositioning and sensor characterization for the CLIC module	ZEMANEK, Anna
3:20 PM	[M7] The CLIC main Linac new installation and alignment strategy after PACMAN	MAINAUD DURAND, Helene
3:40 PM	Coffee	
4:00 PM	[M8] CLIC main beam quadrupole alignment using cam movers	KEMPPINEN, Juha
4:20 PM	[M9] The Professional Option of the Precision Laser Inclinometer: some technical features and achieved results	LYABLIN, Mikhail
4:40 PM	[M0] Non-contact high precision sensor for coordinate measuring machine	SANZ, Claude
5:00 PM	[M1] Design of a variable bend prototype	TORAL, Fernando DOMINGUEZ MARTINEZ, Manuel Angel
5:20 PM	[M2] Inductive adders for the CLIC DR extraction kickers	HOLMA, Janne
5:40 PM	[M3] Installation of the CLIC Stripline Kicker at the ALBA Storage Ring for its beam characterisation	PEREZ, Francis

Accelerator - Parallel sessions: Beam Dynamics (ATF2+MDI) - 6/2-024 - BE Auditorium Meyrin (2:00 PM - 3:35 PM)

-Conveners: Philip Nicholas Burrows; Lau Gatignon; Rogelio Tomas Garcia

time	[id] title	presenter
2:00 PM	[M6] ATF2 critical overview	MARIN LACOMA, Eduardo
2:15 PM	[M8] Ultra low beta* run and octupole performance	PLASSARD, Fabien
2:30 PM	[M9] IPBPM and IPFB results	RAMJAWAN, Rebecca
2:45 PM	[M0] Orbit effects with beam intensity	KORYSKO, Pierre
3:00 PM	[M1] Recent progress on GM studies at ATF	JEREMIE, Andrea
3:15 PM	[M2] OTR/ODR emittance measurement system at ATF	BERGAMASCHI, Michele

Accelerator - Parallel sessions: Advanced Accelerator Technologies - 6/2-024 - BE Auditorium Meyrin (4:00 PM - 6:20 PM)

-Conveners: Erik Adli

time	[id] title	presenter
4:00 PM	[M16] The CLIC Advanced Accelerator Technology working group	ADLI, Erik
4:15 PM	[M17] Status of plasma wakefield positron acceleration	GESSNER, Spencer
4:40 PM	[M18] Progress on active plasma lens technology in CLEAR	Mr LINDSTRØM, Carl
5:05 PM	[M54] Non-invasive beam diagnostic for advanced accelerators: Cherenkov Diffraction radiation	LEFEVRE, Thibaut
5:30 PM	[M19] The ICFA ANA Allegro initiative	MUGGLI, Patric

5:50 PM	[120] Discussion	
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Wednesday, January 24, 2018

Accelerator - Parallel sessions: Power Sources - 503/1-001 - Council Chamber (9:00 AM - 1:00 PM)

-Conveners: Igor Syratchev

time	[id] title	presenter
9:00 AM	[M6] Experimental results of CLIC 20 MW L-band MBK klystrons testing	DOEBERT, Steffen
9:25 AM	[M7] HE 50 MW X-band (COM) klystron design progress report	WEATHERFORD, Brandon
9:50 AM	[M8] Depressed collector option for HE 50 MW X-band klystron'	NEILSON, Jeff
10:15 AM	[M9] Status of superconducting solenoid development for X-band 50 MW	Prof. YAMAMOTO, Akira
10:45 AM	Coffee Break	
11:15 AM	[M10] Design and fabrication of a 5 GHz high efficiency klystron with the kladiatron method	MARCHAND, Claude PLOUIN, Juliette
11:40 AM	[M11] Introduction to KlyC. The new klystron computer code developed at CERN	CAI, Jinchi
12:05 PM	[M12] High frequency (36 GHz; 48 GHz) fast wave amplifier development at Strathclyde, UK	Dr YIN, Helen

Accelerator - Parallel sessions: CLEAR / short linacs (e.g. 3 GeV) - 6/2-024 - BE Auditorium Meyrin (9:00 AM - 1:00 PM)

-Conveners: Roberto Corsini

time	[id] title	presenter
9:00 AM	[M44] Status of the CLEAR Facility	FARABOLINI, Wilfrid
9:25 AM	[M45] Beam instrumentation upgrades and developments on CLEAR	KRUPA, Michal
9:40 AM	[M55] Status and plans for the Cavity BPMs on CLEAR	NADENAU, Johannes
9:55 AM	[M46] THz@CLEAR: source and diagnostics for the electron acceleration	CURCIO, Alessandro
10:15 AM	[M47] Electronics Irradiation Tests in VESPER: results and outlook for 2018	GARCIA ALIA, Ruben
10:30 AM	[M48] Results of the VHEE Studies in VESPER/CLEAR	LAGZDA, Agnese Prof. JONES, Roger
10:50 AM	Coffee Break	
11:10 AM	[M49] The Plasma Lens Experiment at CLEAR: Experimental Set-Up and Results	LINDSTRØM, Carl
11:35 AM	[M50] Update on Wake-Field Monitor Studies in CLEAR	SJØBÆK, Kyrre Ness
11:55 AM	[M53] New technique to localise the EM centre of accelerating structures	GALINDO MUNOZ, Natalia
12:15 PM	[M51] Studies for a New Injector for CLEAR/AWAKE	DAYYANI KELISANI, Mohsen
12:35 PM	[M52] A Possible 3 GeV Electron Linac at CERN, Motivation and Perspectives	CORSINI, Roberto

Thursday, January 25, 2018

Accelerator - Parallel sessions: Civil Engineering and Infrastructures/ Main tunnel - 6/2-024 - BE Auditorium Meyrin (2:00 PM - 4:30 PM)

-Conveners: Carlo Rossi; John Andrew Osborne

time	[id] title	presenter
2:00 PM	[M1] Report from the CLIC Main Linac Hardware Baseline Working Group	ROSSI, Carlo
2:25 PM	[M2] CLIC Availability Studies and Operating Cycle	REY OROZCO, Odei
2:50 PM	[M3] Introduction to the CEIS Working Group and Report from Civil Engineering	OSBORNE, John Andrew STUART, Matthew James
3:15 PM	Coffee Break	
3:30 PM	[M4] CLIC Handling, Engineering Update	CZECH, Michal
3:50 PM	[M5] Electrical Powering for CLIC	BOZZINI, Davide
4:10 PM	[M7] CLIC Master Schedule update for 380 GeV	BERNARDINI, Marzia