IPAC'23 - 14th International Particle Accelerator Conference

Sunday, 7 May 2023

Student Poster Session - Sala Mosaici 2 (14:00 - 18:00)

[id] title	presenter	board
[2817] Comparison of 352 MHz LINAC structures for injection into an ion therapy accelerator	NIKITOVIC, Lazar	
[2818] Beam Loading Effects in Standing-Wave LINACs and their Implementation into the Particle Tracking Code RF-Track	OLIVARES HERRADOR, Javier	
[2820] Radiation levels produced by the operation of the Beam Gas Vertex monitor in the LHC tunnel at IR4	PRELIPCEAN, Daniel	
[2849] Optical Transition Radiation Measurements of a High Intensity Low Energy Hollow Electron Beam on Electron Beam Test Facility	SEDLACEK, Ondrej	
[2824] First Beam Heating Studies with the Laser Heater for FLASH2020+	SAMOILENKO, Dmitrii	
[2781] DEVELOPMENT OF POLARIZED H AND D ATOMIC BEAM SOURCE AT IMP	ZHANG, Sheng	
[2826] Beam dynamics optimization of the EuPRAXIA@SPARC_LAB RF photoinjector	SILVI, Gilles Jacopo	
[2828] A Novel Large Energy Acceptance Beamline for Hadron Therapy	STEINBERG, Adam	
[2832] Dynamic Aperture Studies for Vertical Fixed Field Accelerators	VANWELDE, Marion	
[2833] Strongly Curved Super-Conducting Magnets: Beam Optics Modeling and Field Quality	VERES, Dora	
[2835] Impact of multiple beam-beam encounters on LHC absolute-luminosity calibrations by the van der Meer method	WANCZYK, Joanna	
[2836] Lifetime without Compromise	WILKES, Seb	
[2837] Spin-polarization simulations for the Future Circular Collider e+e- using Bmad	WU, Yi	
[2840] Study on spill quality and transit times for slow extraction from SIS18	YANG, Jiangyan	
[2842] ECR Ion Source with High Temperature Superconducting REBCO Coils	CHONG, Tsun Him	
[2831] Slow Extraction Techniques from Fixed Field Accelerators	Mx TAYLOR, Rebecca	
[2811] CLIC BDS 7 TeV design	MANOSPERTI, Enrico	
[2740] A 5 MeV Compton transmission polarimeter designed for a SRF photogun	BLUME, Greg	
[2741] Thermionic Sources for electron cooling at IOTA	BOSSARD, Mary	
[2774] Reinforcement Control for LEBT and RFQ of Linear Accelerators	SU, Chunguang	
[2746] Few cycle radiation pulses from strongly compressed electron beams	HESSAMI, Rafi	
[2747] The Collaborative Effects of Intrinsic and Extrinsic Impurities in Low RRR SRF Cavities	HOWARD, Katrina	
[2767] Research on hydrostatic leveling system to provide elevation constraints for control network adjustment*	LI, Xiao	

[2776] Calculation for a compact laser plasma undulator beamline based on the experimental electron parameters at NCU	TENG, Shan-You	
[2786] Simulation Studies on an XUV High-Gain FEL Oscillator at FLASH	ASATRIAN, Margarit	
[2789] Development of Low Energy Branch at Micro Analytical Centre, Ljubljana, Slovenia	BRENCIC, Ziga	
[2812] Hydrodynamic Model for Particle Beam-Driven Wakefield in Carbon Nanotubes	MARTÍN-LUNA, Pablo	
[2814] Kaon beam studies employing coventional hadron beam concepts and the RF-separation technique at the CERN M2 beam line for the future AMBER experiment	METZGER, Fabian	
[2815] Calibration of the LHC Diamond Beam Loss Monitors for LHC Run 3	MORALES VIGO, Sara	
[2816] Tunable Monochromatic Gamma Ray Source Design Using Inverse Compton Scattering at Daresbury Laboratory	MORRIS, Alex	
[2821] The use of beam instrumentation for real time FLASH dosimetry: experimental studies in the CLEAR facility	RIEKER, Vilde Mr WROE, Laurence SJOBAK, Kyrre ADLI, Erik ROBERTSON, Cameron	
[2822] Dual-Scattering Foil Installation at CLEAR	ROBERTSON, Cameron	
[2823] Multipurpose Vacuum Accident Scenarios (MuVacAS) Prototype for the IFMIF-DONES Linear Accelerator	SABOGAL, Anderson	
[2827] A Compact Dielectric Grating-Based Charged Particle Bunch Length Diagnostic Device at ARES	STACEY, Blae	
[2829] The Double Drift Harmonic Buncher (DDHB) and Acceptance Investigations at Linac and Cyclotron Injections	SUNAR, Ezgi	
[2830] Evaluation of the Impact of REBCO Coated Conductors on the Resistive Wall Impedance of the FCC-hh	TAGDULANG, Nikki	
[2838] Beam Trajectory Control with Lattice-Agnostic Reinforcement Learning	XU, Chenran	
[2839] Machine learning-based reconstruction of electron radiation spectra	YADAV, Monika	
[2841] Monochromatization Interaction Region Optics Design for Direct s-channel production at FCC-ee	Mr ZHANG, Zhandong	
[2844] Electron optics based on quadrupole multiplets for dark field imaging and diffraction with MeV electron beams	ALBERDI-ESUAIN, Benat	
[2813] Three-Stage Simulation for the Development of an Ion-Acoustic Dose-Deposition Mapping System for LhARA	MAXOUTI, Maria	
[2819] Absolute Calibration of BSI monitors in the SPS North Area at CERN	Ms PARSONS FRANÇA, Luana	
[2843] Origins of Quench in Buffered Chemical Polished and Low Temperature Baked SRF Cavities	HU, Hannah	
[2752] Ultra Thin Cs_3Sb Photocathodes With Anomalously High Quantum Efficiency	PENNINGTON, Chad	
[2742] Simulations of Radiation Reaction in Inverse Compton Sources	BREEN, Elizabeth	
[2743] Developments and Characterization of a Gas Jet Ionization Imaging Optical Column	DENHAM, Paul	
[2744] Electron Microbunching using the Amplified Optical Stochastic Cooling Mechanism	DICK, Austin	

[2745] Phase Space Measurements of an Electron Beam Using The ASU Cryocooled 200 kV DC Electron Gun	GEVORKYAN, Gevork	
[2748] Photonics-Integrated Photocathodes	KACHWALA, Alimohammed	
[2749] First demonstration of spin-polarized electrons from gallium nitride photocathodes	LEVENSON, Samuel	
[2750] Demonstration of transverse stability in an alternating symmetry planar dielectric structure	LYNN, Walter	
[2751] Flux expulsion and material properties of Nb explored in ~650 MHz cavities	MCGEE, Kellen	
[2753] Optimizing the discovery of underlying nonlinear beam dynamics and moment evolution	POCHER, Liam	
[2754] Quantum efficiency and lifetime study for negative electron affinity GaAs nanopillar array photocathode	RAHMAN, Md Aziz Ar	
[2755] Attosecond pulse shaping of X-ray free-electron lasers and applications to coherent control in quantum systems	ROBLES, River	
[2761] Improving the performance of the SXFEL through Proximal Policy Optimization	CAI, Meng	
[2756] Electron Polarization Preservation in the EIC	SIGNORELLI, Matthew	
[2757] Mechanical Polishing of Nb3Sn Thin-Film Cavities	VIKLUND, Eric	
[2779] Development of a Spin Filter Polarimeter for Polarization Measurement of Pulsed H+/D+ Ion Beams at IMP	ZHAI, Yaojie	
[2790] Identification of Magnetic Field Errors in Synchrotrons based on Deep Lie Map Networks	CALIARI, Conrad	
[2759] Beam Delivery System for BNCT at Tokyo Institute of Technology	ARAMAKI, Mizuki	
[2760] Swift Heavy Ions Induced Structural Modifications in Tungsten Carbide (WC) Thin Films	BIST, SHRISTI	
[2762] Fully Coherent Soft X-ray Pulse Generation Based on ERL	CAO, Lu	
[2763] Design of the Gradient Dipole Magnet for LLICTF	CHU, Yimeng	
[2764] Development of the diagnostic beamline for muon acceleration test with APF IH-DTL	IBARAKI, Yuka	
[2765] Development of He2+ 10GHz ECR Ion Source for astatine generation accelerator	KIKUCHI, Sosuke	
[2766] Control of Electron Injection in LWFA with a Laser-ablated Aluminum Plasma by inserting a thin-layer of different metal.	LEE, Hyeon Woo	
[2768] Problems and Considerations about the Injection Philosophy and Timing Structure for CEPC	LI, Meng	
[2769] Finite element analysis for NEG coated vacuum chamber based on ANSYS Workbench	MA, Wenjing	
[2771] Employing octupole magnets for nonlinear optimization of Iranian Light Source Facility storage ring	NOORI, Kowthar	
[2834] Beam Dynamics for Concurrent Operation of the LHeC and the HL-LHC	VON WITZLEBEN, Tiziana	
[2773] Stability analysis of double-harmonic cavity system in heavy beam loading with its feedback loops by a mathematical method based on Pedersen model	SHEN, Yubing	
[2775] Design of a 10.156 MHz Pre-buncher for a heavy ion RFQ	TANG, Yu	
[2777] A nanosecond power supply for grid-controlled electron guns	XU, Chunyu	

[2778] Optimizing Coupling Slot Design for Pi-Mode Structure Cavity in CSNS II Debuncher	YANG, Yao	
[2780] Study on the vacuum properties of laser-etched oxygen-free copper	ZHANG, Wenli	
[2782] Study on the Laser Treatment of Nb Thin Films on Copper Substrate with a kW nanosecond fiber laser	WANG, ChangLin	
[2783] The mechanism of non-uniform distribution of tin sites on the surface of niobium	WU, Shuai	
[2784] Magnetic Design of the Commutational Magnet and Quadrupoles for PERLE Accelerator	ABUKESHEK, Rasha	
[2785] RF techniques for spill quality improvement in the SPS	ARRUTIA SOTA, Pablo Andreas	
[2787] Driver-Witness Configuration in CNT Array-Based Acceleration	BARBERA RAMOS, Moises	
[2788] A Novel Fibre Optic Monitor for VHEE UHDR Beam Monitoring: First Tests at CLEAR	BATEMAN, Joseph	
[2791] A Space Charge Forces analytical model for emittance compensation	CARILLO, Martina	
[2792] Developing a Two-Colour All-Fibre Balanced Optical Cross-Correlator for Sub-Femtosecond Synchronisation	CHRISTIE, Jonathan	
[2793] PLACET3: 6D tracking through PETS' and accelerating structures' wakefields	COSTA, Raul	
[2794] Characterization of plasma-discharge Capillaries for Plasma-based Particle Acceleration	CRINCOLI, Lucio	
[2795] Dielectric laser acceleration for dark sector studies	DADASHI MOTLAGH, Raziyeh	
[2796] Damage Experiment with Superconducting Sample Coils - Experimental Setup and Observations during Beam Impact	GANCARCIK, David	
[2797] Increased dose rate for a proton therapy eye treatment nozzle on a medical gantry system using a diamond degrader	GNACADJA, Eustache	
[2798] Transport Line for Laser-Plasma Acceleration Electron Beam	GUYOT, Coline	
[2800] Status Of Plasma Diagnostics On The Prototype Plasma Lens For Optical Matching At The ILC e+ Source	HAMANN, Niclas	
[2801] Longitudinal loss of Landau damping in the CERN Super Proton Synchrotron at 200 GeV	INTELISANO, Leandro	
[2802] Study of the Transfer and Matching Line for a PWFA-driven FEL	IOVINE, Pasqualina	
[2804] Study of LHC e-cloud instabilities using the linearised Vlasov method	JOHANNESSON, Sofia	
[2805] Impedance-induced beam observables in the CERN Proton Synchrotron	JOLY, Sébastien	
[2806] Benchmark and performance of beam-beam interaction models for XSUITE	KICSINY, Peter	
[2807] Manufacturing and Testing of the 800 MHz RFQ at KAHVE-Lab	Mr KILICGEDIK, Atacan	
[2808] First measurements of fourth and fifth order chromaticity in the LHC	LE GARREC, Mael	
[2809] Helical undulators from magnetized helices and ring sectors	MAGORI, Eyal	
[2810] Simulation studies on longitudinal beam dynamics manipulated by corrugated structures under different bunch length conditions at KARA	MAIER, Sebastian	