

IPAC'24 - 15th International Particle Accelerator Conference

Wednesday, 22 May 2024

Wednesday Poster Session: WEPC - Country (16:00 - 18:00)

[id] title	presenter	board
[1483] Development of spin polarized electron sources based on III-V semiconductors at BNL	CULTRERA, Luca	
[2048] Using WarpX to simulate linear induction accelerators	BASSO, Edward	
[1065] Optimization of a 2.6-cell normal-conducting S-band photocathode RF gun	ZHI, Haipeng	
[548] Picometer scale emittance from plasmonic spiral photocathode for particle accelerator applications	KACHWALA, Alimohammed	
[692] Measurement, tuning and test for the two-mode TDS	GONG, Hanyu	
[1082] Beam Dynamics Modelling of the SLS Linear Accelerator	ALAMPRESE, Helena	
[611] Preliminary tests of NaKSb photocathodes in high gradient S-band photoinjector	GARCIA, David	
[444] Characterisation and optimisation of a C-band photo-injector for compact light sources	DEMURTAS, Francesco	
[666] Rubidium telluride photocathodes for high quantum efficiency and low mean transverse energy accelerator applications	BENJAMIN, Christopher	
[1019] Quantitative description and correction of longitudinal drifts in the Fermilab linac	SHARANKOVA, Ralitsa	
[1232] GaAs cathode activation by deposition of Cs-CsO-Sb thin film	LIPTAK, Zachary	
[1250] Beam dynamics and injection condition in a ring-type dipole of a laser-accelerated electron beam for compact light sources	KIM, Keonho	
[883] Application of a novel high brightness photogun for MeV ultrafast electron diffraction	CRAIEVICH, Paolo	
[1616] Effects of defects on the electronic and optical properties of cesium antimonide: insights from first-principles calculations	ARYAL, Sandip	
[1795] Commissioning an S-band hybrid photocathode gun in Mithra laboratory at UCLA	BOSCO, Fabio	
[1156] Shanghai Laser Electron Gamma Source in Shanghai Synchrotron Radiation Facility	XU, Hanghua	
[1725] Molecular beam epitaxial growth of potassium antimonide and cesium potassium antimonide photocathodes	ECHEVERRIA, Elena	
[1801] Update on the MEDUSA ultrafast electron diffraction beamline at Cornell	GORDON, Matthew	
[1448] Bubble-beam accelerators: breaking the paradigm	MALYZHENKOV, Alexander	
[1029] Summary of the workshop on "UED opportunities for dynamical imaging of materials"	UPADHYAY, Janardan	
[1750] Optimization of the ASU CXLS beamline in simulation via Bayesian methods	MALIN, Lucas	
[1628] Novel high-intensity X and Gamma-rays sources using crystals	NEGRELLO, Riccardo	

[768] AIRIX reconfiguration for the synchronization of the two EPURE LINACs and control of the high current functioning point by reducing the consequences of BBU instabilities	POULET, Frédéric	
[710] This is a poster tile: semiconductor photocathodes fabrication at ACERT	ZHANG, Jinlin	
[1478] Design of an isochronous achromat using transverse gradient undulators	FAN, Weijie	
[583] Unconventional high-voltage insulator in DC photoemission sources	PLATTNER, Paul	
[825] A laser-heated thermionic cathode	ANDREWS, Heather	
[1296] Recent studies on high current operation at the compact ERL	KURATA, Masakazu	
[573] LCLS-II MHz-rate photoinjector performance	ZHOU, Feng	
[976] Implementing NOECO at NSLS-II	YANG, Xi	
[398] Monte Carlo modeling of spin-polarized photoemission from NEA GaAs with low-temperature and strained-lattice effects	CALLAHAN, John	
[1665] Design and operation of a commercial molecular beam reactor for alkali antimonide growth	Dr MONTGOMERY, Eric	
[1108] DBR-SL-GaAs surface charge limit observation and suppressing for EIC high charge polarized source	WANG, Erdong	
[678] Dark current studies for a SW C-band electron gun with a deflector	TIAN, Jia Hao	
[401] Mass production of 3.9 GHz 9-cell cavities at SHINE	WU, Xiaowei	
[1238] Precise measurements of mean transverse energy of photocathodes	YAMPOLSKY, Nikolai	
[1378] Simulation optimization of electrom beams from the ELBE superconducting RF gun for ultrafast electron diffraction	NIEMCZYK, Raffael	
[703] Status of the CARIE high gradient photocathode test facility at LANL	SIMAKOV, Evgenya	
[1576] The FORTRESS Beamline at Tsinghua University	LV, Peng	
[418] Monte Carlo study of electron energy losses and stoichiometry effects in thin cesium antimonide photocathodes	FRANKLIN, Daniel	
[715] Concepts for more flexible UED/UEM operation	LEWELLEN, John	
[1728] Pulsed laser deposition assisted growth of alkali-based photocathodes	GAOWEI, Mengjia	
[738] Design of the L-band photocathode RF gun	XIN, Tianmu	
[660] Development of a hybrid thermionic and photoemission electron gun and dedicated test stand for ELSA	KRONENBERG, Samuel	
[1850] Emittance growth and transport of an intense relativistic electron beam after foil scattering	SZUSTKOWSKI, Sebastian	
[770] Towards Elettra 2.0 – R&I preparation activities	VISINTINI, Roberto	
[879] Dark current reduction for NSRRC photoinjector system by collimation	LIN, Yang Jen	
[741] Measurement of the spatial distribution of inverse Thomson scattered gamma rays generated by an axially symmetric polarized laser	TAIRA, Yoshitaka	
[616] Towards operating low mean transverse energy alkali antimonide photocathodes at Argonne Cathode Test-stand	HASAN, Tariqul	
[1066] The design of a 2.3-cell X-band photocathode RF electron gun	XU, Xiazhen	
[1669] Overview of inverse Compton scattering feasibility studies at MESA	LOREY, Christoph	
[1135] Gamma beam modulation in Shanghai Laser Electron Gamma Source	HAO, Zirui	
[815] APS storage ring waveguide layout study for solid state amplifier upgrade	LUO, Yong	

[1190] Monte-Carlo photoemission model for thin film semiconductors under high fields	HUANG, Chengkun	
[1757] High average current DC electron gun for strong hadron cooling	RAHMAN, Omer	
[1438] Preliminary design for the JHLS storage ring	HOSAKA, Masahito	
[1417] Collimation for SOLEIL II	NADOLSKI, Laurent	
[1960] Design and implementation of an instrumentation & control system for cathodes and radio-frequency interactions in extremes project	RAI, Deepak	
[1180] Development of new method of NEA Activation with Cs-Sb-O	WAKITA, Yukiya	
[1236] Development and applications of CW normal conductivity VHF gun at Tsinghua university	WANG, Yian	
[545] High brightness electron source development in Tsinghua university	HUANG, Peng-Wei	
[1049] Developments and first results from a test stand for high brightness C-band photoguns at PSI	CRAIEVICH, Paolo	
[668] Generation of high brightness electron beams by the 2.4-cell photocathode RF gun	QI, Hong	
[761] Numerical investigation of beam loss scenarios and top-up safety for Elettra 2.0	KRECIC, Stefano	
[461] Status of the RUEDI UK national facility design	MCKENZIE, Julian	
[1866] Dark current in the LCLS-II Injector: characterization and mitigation strategies	LITTLETON, Sean	
[1459] Optimization of bunch charge distribution for space charge emittance growth compensation in the PERLE injector	MONAGHAN, Connor	
[852] Nonlinear dynamic optimization for HLS	HOSAKA, Masahito	
[524] Experimental testing of a ceramic enhanced accelerator cavity	SHIPMAN, Kevin	
[1293] Experimentally verified reduction of local reflection of traveling-wave accelerating structure by output coupler undercoupling	CAO, Zexin	
[1549] Preparation, transport, and operation of high quantum efficiency semiconductor Cs-Te photocathode for SHINE	LI, Xudong	
[585] Commissioning simulation for the Hefei advanced light facility storage ring	HOSAKA, Masahito	
[734] HOM suppression study for the C-band accelerating structure	KIM, Dongsung	
[1875] Low-emittance beam generation at Argonne Wakefield Accelerator's upgraded drive-beam photoinjector	FRAME, Emily	
[408] Comparison of WarpX and GUINEA-PIG for electron positron collisions	Mr NGUYEN, Bao	
[627] Design of a Ku-band Side-coupled Standing-wave 2.5 MeV Accelerator	Mr LI, Qingzhu	
[1042] Review of MeV energy scale accelerators, their capabilities, and common applications	ROY, Prabir	
[1529] Laser-based cleaning of phocoathode at SXFEL	JIANG, Zeng Gong	
[1759] An upgrade for the CeC cathode deposition system: co-deposition of K₂CsSb and CsTe/GaAs for CeC use	Dr MONDAL, Kali Prasanna	
[1474] Optimization of the PERLE injector using a multi-objective genetic algorithm	MONAGHAN, Connor	
[1764] Epitaxial growth of cesium potassium antimonide photocathode	Dr MONDAL, Kali Prasanna	
[723] CETASim: A numerical tool for beam collective effect study in storage rings	LI, Chao	

[722] Study of single bunch effect in PETRA-IV storage ring	LI, Chao	
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Wednesday Poster Session: WEPG - Bluegrass (16:00 - 18:00)

[id] title	presenter	board
[619] Developments of beam loss monitors for FETS-FFA test ring	YAMAKAWA, Emi	
[1177] Design of an ion-acoustics proof-of-principle experiment for LhARA	AMOS, Richard	
[605] Beam Tomography using Markov Chain Monte Carlo	TRAN, Anthony	
[1743] Calibration of the Mu2e momentum scale using $\pi^+ \rightarrow e+\nu_e$ decays	TRIPATHY, Sridhar	
[998] Non-invasive beam diagnostics using differentiable simulations and computer vision methods	WATT, Robbie	
[1309] Development and performance evaluation of the Cavity BPM system for SHINE	CHEN, Jian	
[513] Experimental and simulated LHC Schottky spectra	LANNOY, Christophe	
[657] Magnetron diagnostics with a novel optical fibre-Cherenkov detector	Prof. WELSCH, Carsten	
[702] Design of a constant-gradient backward-traveling-wave accelerating structure for irradiation application	YU, Hongbo	
[1134] ESS WS scintillator system design and test results	GRISHIN, Viatcheslav	
[704] MENT-Flow: maximum entropy tomography using normalizing flows	HOOVER, Austin	
[633] Development of an active beam-stabilization system for electrofission experiments at the S-DALINAC	SCHNEIDER, Dominic	
[1546] Real-time measurements of the RF-path of an electro-optical bunch arrival-time monitor with integrated planar pickup-structure with low-charge electron beams at ELBE	Mr SCHEIBLE, Bernhard	
[1596] Second generation Cherenkov diffraction radiation studies at Diamond Light Source	CLAPP, Alec	
[828] Electromagnetic bench testing of ALS-U BPM buttons and assemblies	WANG, Dan	
[1460] Electro-optical spectral decoding of THz pulses at MHz repetition rates	REISSIG, Micha	
[399] The study of single bunch instability at the Taiwan Photon Source	LIAO, Jin-Kun	
[1742] Hybrid RF photoinjector beam characterization with FET detectors	KRAVCHENKO, Maksim	
[1268] Detailed characterization of coherent synchrotron radiation effects using generative phase space reconstruction	GONZALEZ-AGUILERA, Juan Pablo	
[607] Measurements and computer simulation of the effect of magnet vibrations on the electron beam orbit in the NSLS-II storage ring	KHAN, Aamna	
[1313] R&D of EOTD bunch length monitor for SXFEL	HUA, Lianfa	
[1892] Wire scanner assessment of transverse beam size in the Fermilab side-coupled linac	SHARANKOVA, Ralitsa	
[920] Detailed simulation study of wakefield induced beam dynamics in the dielectric dechirper at CLARA	HIGUERA GONZALEZ, Beatriz	
[2029] Reflectivity studies and production of new flat mirrors for the Cherenkov threshold detector at CERN	PAROZZI, Elisabetta	
[1003] Ionization profile monitor for in-vivo dosimetry in medical accelerators	Prof. WELSCH, Carsten	

[1577] Commissioning and experiments with a compact transverse deflecting system at FLUTE	NABINGER, Matthias	
[1446] Status of the new bunch length measurement system downstream the injector of the S-DALINAC	BRAUCH, Adrian	
[688] Overview of beam intensity issues and mitigations in the CERN-SPS fast wire scanners	VENESS, Raymond	
[512] Impact of octupoles on the Schottky spectra of bunched beams	LANNOY, Christophe	
[917] Longitudinal Phase space density tomography constrained by the Vlasov-Fokker-Planck equation	REISSIG, Micha	
[1627] Measuring transverse momentum space of alkali-antimonide photocathodes with the Cornell cryo-MTE-meter	ZHANG, Charles	
[1374] Resonant spin depolarization at the test facility KARA: overview of recent efforts	STEINMANN, Johannes	
[928] Beam studies using a Cherenkov diffraction based beam position monitor for AWAKE	SPEAR, Bethany	
[1454] Online diagnostics of electron beam irradiation with minimally invasive screens and beam charge monitors	MALYZHENKOV, Alexander	
[691] Impact of second-order chromaticity on the Schottky spectra of bunched beams	LASOCHA, Kacper	
[1898] Measuring uniformity and gas density of gas sheet profile monitor for use with heavy-ion accelerators	LOKEY, Aubrey	
[1905] Beam position monitoring system and beam commissioning at APS-U Storage ring	CHENG, Weixing	
[1111] Design of a 3-cell rectangular deflecting cavity for a compact THz-FEL	LUO, Ruiying	
[1013] Ionization profile monitors for the IOTA proton beam	ROMANOV, Alexander	
[970] Resonator design optimization for a compact transverse-deflecting system	NABINGER, Matthias	
[1328] Single-shot determination of the Munich Compact Light Source's two-dimensional X-ray source profile based on a backprojection approach	GÜNTHER, Benedikt	
[1443] Design of the cryogenic BPM pick-ups for the EIC Hadron Storage Ring	SANGROULA, Medani	
[1395] Emittance and luminosity monitoring and modelling for LHC Run 3	EFTHYMIPOULOS, Ilias	
[1038] NSLS-II bunch-by-bunch BPM development and beam operation	HA, Kiman	
[1980] Mechanical mesign of the thermal imaging system for the FRIB target	RODRIGUEZ ESPARZA, Sergio	
[1201] Low-cost button BPM signal processing electronics for the AWA electron linac	ODY, Alexander	
[1231] Slice energy spread measurements of a 20 MeV electron beam at PITZ	RICHARD, Christopher	
[1119] Improving the dynamic range of a wire scanner up to 1e+7	YANG, Renjun	
[1574] Real-time 100 MeV proton beam monitoring system for radioisotope production at KOMAC	Dr KIM, Yu-Mi	
[2005] New beam loss monitor system at the Australian Synchrotron	DOWD, Rohan	
[1891] CXLS inverse Compton scattering interaction point chamber	GARDECK, Alex	
[640] High-resolution bunch profile measurements for enhanced longitudinal beam diagnostics	BRISCHETTO, Ylenia	
[662] Impedance and thermal studies of the CERN SPS Wire scanners and mitigation of wire heating	ZANNINI, Carlo	

[1297] Gas sheet ionization based monitor for electron beams	ANDONIAN, Gerard	
[1501] Characterizing optical synchrotron radiation in the geometric optical phase space and optimizing the energy transport to a photo detector	NOLL, Marvin	
[426] Gas jet dosimeter measurements at DCF for medical accelerator applications	Prof. WELSCH, Carsten	
[1997] Fast laser focal position correction using deployed models	COOK, Nathan	
[1826] Investigations of a potential 5D detector system for a laserwire instrument on the front end test stand	ALDEN, Siobhan	
[1865] White X-ray beam position monitor for coherent soft X-ray beamlines	PODOBEDOV, Boris	
[1528] The RF BPM pickup and feedthrough testing results in the lab and SR for APS-U	SUN, Xiang	
[807] A new beam-based method to calibrate the relative gains of the beam position monitor pick-up electrodes at the Cornell Electron Storage Ring	CHAPELAIN, Antoine	
[1253] The status of beam instrument at CSNS	LI, Fang	
[901] Real-time processing of longitudinal Schottky signals in CERN's antiproton chain	NICCOLINI, Marco	
[997] Analog APS linac phase detector and digital phase detector test comparison	BRILL, Adam	
[1138] Simulations of an electro-optical in-vacuum bunch profile monitor and measurements at KARA for use in the FCC-ee	REISSIG, Micha	
[1707] Beam alignment strategy at the beam transport line for J-PARC muon g-2/EDM experiment	IINUMA, Hiromi	
[679] Passive longitudinal bunch diagnostics with a dielectric Wakefield streaker at CLARA	HIGUERA GONZALEZ, Beatriz	
[953] Demonstration of time-resolved diagnostic in coherent electron cooling pop experiment	SHIH, Kai	
[1626] Charge measurement systems on CLARA at Daresbury laboratory	MATHISEN, Storm	
[2061] Final design of the Cryogenic Current Comparator for FAIR	SIEBER, Thomas	
[646] Design of a non-invasive bunch length monitor using coherent synchrotron radiation simulations	ELEY, Lauryn	
[1120] Simulations of an X-band transverse deflection structure with variable polarization	CAO, Zexin	
[1582] Gas jet-based beam profile monitor for the electron beam test stand at CERN	STRINGER, Oliver	
[990] Optimizing current density measurements for intense low beta electron beams	HOWARD, Madison	
[386] Using CT algorithm to reconstruct electron beams transverse phase space in HUST-UED	XU, Yang	
[1305] GEANT4 simulations on wire scanners and Faraday cup design for PIP-II	WIJETHUNGA, Sajini	
[909] Simulations of simultaneous measurement of GHz bunches using a fast kicker	ZHANG, Xiao-Yang	
[1458] Time-interleaved-sampling for high bandwidth BPM signals	COGAN, Scott	
[783] Effects of delta ray electrons on the measurement uncertainties of multi-wire beam profile monitoring system	LEE, Yong Joong	
[441] Fermilab Booster beam emittances from quadrupole modes measured by BPMs	BALCEWICZ, Michael	

[1496] Implementing bunch-by-bunch diagnostics at the KARA booster synchrotron	NOLL, Marvin	
[473] Beam diagnostics status for the Korea 4GSR project	JANG, Si-Won	
[2305] Two slit emittance measurement with thermal emittance isolation for an SRF injector	Mr SIMS, Benjamin	
[1389] Sub-femtosecond resolution electro-optical arrival-time measurement of relativistic electron bunches in a free-electron laser	ARSOV, Vladimir	
[1540] Single shot THz spectrometer for FEBE experimental facility	SHACKLETON, Emily	
[2004] SiPM integration testing for FACET-II pair spectrometer	PHILLIPS, Jack	
[1424] Longitudinal phase space measurement using a corrugated metallic dechirper at PAL-XFEL	SUNG, Chang-Kyu	
[767] Digital processing of electron beam images for glass plate irradiation: analysis of electron beam profiles and absorbed dose distribution	Dr GRIGORYAN, Armen	
[1342] Measurements of the transverse beam emittance at the AREAL linac	Dr GRIGORYAN, Armen	
[1640] Experimental study into the invasiveness of a gas jet beam profile monitor for charged particle beams	STRINGER, Oliver	

Wednesday Poster Session: WEPR - Rock 'n Roll (16:00 - 18:00)

[id] title	presenter	board
[972] Update of the PLACET2 code for the low-energy acceleration stages of the muon collider	STECHEAUNER, Bernd	
[905] Synchrotron radiation studies for the FCC-ee interaction region	ANDRÉ, Kévin	
[2014] Experimental designs of coherent synchrotron radiation in complex beams	RAMACHANDRAN, Omkar	
[1736] Field emission assisted heating of Cs₂Te photocathode: implication toward RF breakdown	SHINOHARA, Ryo	
[1356] Radiation shielding studies for superconducting magnets in multi-TeV muon colliders	FRASCA, Alessandro	
[1171] 3D beam tracking studies including intrabeam scattering	ENGEDA, Alexander	
[1624] A fast simulation tool for multi-species secondary beam optics	NEVAY, Laurence	
[984] Electron cloud simulations in the Fermilab booster using PyELOUD	WIJETHUNGA, Sajini	
[1048] Initial design of a proton complex for the Muon Collider	JOHANNESSON, Sofia	
[1828] Evaluation of plasma cascade amplifier at frequency of 15 THz	LITVINENKO, Vladimir	
[1512] Design of the low-energy acceleration stages of the muon collider	Dr AKSOY, Avni	
[1053] The status of the FCC-ee optics tuning	VAN RIESEN-HAUPT, Léon	
[1398] First FCC-ee lattice design with combined function magnets	GARCIA JAIMES, Cristobal Miguel	
[1494] An engineering prototype of a late stage ionization cooling cell for a muon collider	STRATAKIS, Diktys	
[1062] Simulated performance of FCC-ee IP tuning knobs	VAN RIESEN-HAUPT, Léon	
[1722] Experimental evidence of the effect of transverse Landau damping on the microbunching instability	DI MITRI, Simone	

[1089] Selected Advances in the Accelerator Design of the Future Circular Electron-Positron Collider	ZIMMERMANN, Frank	
[1787] Low-energy muon and muonium beam source at Fermilab	KAPLAN, Daniel	
[1557] Preliminary design consideration for CEPC fast luminosity feedback system	LI, Meng	
[1724] High-gradient C-band accelerating structure simulations for XFEL facilities using high performance computing	BOLIN, Trudy	
[1052] Relaxed insertion region optics and linear tuning knobs for the Future Circular Collider	VAN RIESEN-HAUPT, Léon	
[466] Simulation of the effect of BEPCII transverse feedback system on beam performance	LIU, Yudong	
[1051] Benchmarking equilibrium emittance simulation tools for the Future Circular Collider	VAN RIESEN-HAUPT, Léon	
[453] Developing nested auto-differentiation tracking code for beam dynamics optimization	WAN, Jinyu	
[2055] Xsuite: a flexible python toolkit for beam dynamics	PARASCHOU, Konstantinos	
[1870] Conceptual design of the HTS split coil test facility for the Muon Collider cooling section	STATERA, Marco	
[1186] MELODY – the first muon facility in China	BAO, Yu	
[525] A High-Energy Muon Collider at Fermilab	STRATAKIS, Diktys	
[1405] Parameter space for the magnetic design of combined function magnets in the FCC-ee arc cell	GARCIA JAIMES, Cristobal Miguel	
[653] H- source characterization and transfer line studies with realistic EM fields in the Extra Low Energy Antiproton Decelerator (ELENA) at CERN	BOJTAR, Lajos	
[1909] Optimizing Touschek lifetime at MAX-IV 1.5 GeV ring with overstretched bunch profiles	ALVES, Murilo	
[1095] Progress & developments of Beam Delivery Simulation (BDSIM)	SHIELDS, William	
[784] Update in the optics design of monochromatization interaction region for direct Higgs s-channel production at FCC-ee	FAUS-GOLFE, Angeles	
[434] Bmad-julia: a julia environment for accelerator simulations including machine learning	SAGAN, David	
[1379] Lattice correction and polarization estimation for Future Circular Collider e+e-	VAN RIESEN-HAUPT, Léon	
[1096] A review of the Beam Delivery Simulation (BDSIM) user community	SHIELDS, William	
[1447] Comparison studies in dynamic aperture for combined function magnets and baseline lattice in the FCC-ee	GARCIA JAIMES, Cristobal Miguel	
[541] A parallel variable population multi-objective optimization software package for accelerator design optimization	QIANG, Ji	
[572] The design and electromagnetic analyses of the new elements in the FCC-ee IR beam pipe	BOSCOLO, Manuela	
[551] Near-Infrared noise in intense electron beams	KLADOV, Sergei	
[1569] Electron cloud build-up studies for DAΦNE collider and FCCee damping ring	OZDEMIR, Senem	
[1324] Testing electron polarization at SuperKEKB using Touschek lifetimes	LIPTAK, Zachary	

[1390] Possible harmonic spin matching schemes using orbit bumps for the Future Circular Collider e+e-	WU, Yi	
[1472] Simulation of coupled space charge and wakefield effects for a prototype TW-gun at SwissFEL	CHRIST, Jonas	
[1573] Innovative bulge test setup to characterize thin beam vacuum windows	MORRONE, Marco	
[1041] ImpactX space charge modeling of high intensity linacs with mesh refinement	MITCHELL, Chad	
[2018] Mitigation of ion effects with online bunch pattern optimization	KUKLEV, Nikita	
[645] Conceptual RF design and modelling of a 704 MHz pillbox cavity for the Muon Cooling Complex	BARBAGALLO, Carmelo	
[1673] Emittance and energy distribution reduction in the positron injector of FCC-e+e-	SPAMPINATI, Simone	
[902] Measurements of the time-structure of the current to a single injection kicker module and simulation of its effect on the transverse beam dynamics in SIS100	KIRK, Markus	
[620] Measurement of stability diagrams in the IOTA ring at Fermilab	BOSSARD, Mary	
[1090] Probing FCC-ee energy calibration through resonant depolarization at KARA	STEINMANN, Johannes	
[894] Modelling intra-beam scattering in the LHC for longitudinal beam loss studies	ZAMPETAKIS, Michail	
[1311] Algorithmic access to beam control and beam diagnostics at COSY Jülich	HETZEL, Jan	
[698] Understanding of the new horizontal instability at the PS Booster after LIU	ANTUONO, Chiara	
[547] The European Spallation Source neutrino super beam	DRACOS, Marcos	
[774] Simulation studies for the confinement of antiprotons for the AEGIS experiment classification: beam dynamics	Prof. WELSCH, Carsten	
[537] Simulations of incoherent effects driven by electron clouds forming in the inner triplets of the Large Hadron Collider	PARASCHOU, Konstantinos	
[890] Status of the time-dependent FEL code Genesis 1.3	LECHNER, Christoph	
[956] Proposed muon collider proton driver R&D at SNS	MOROZOV, Vasilii	
[1507] Radiation load studies for the proton target area of a multi-TeV muon collider	FRASCA, Alessandro	
[1031] Temperature, density of states, and thin film optical effects on electron emission from semiconductor photocathodes	DIMITROV, Dimitre	
[2012] Improved symplectic particle tracking for modern vectorized architectures	KUKLEV, Nikita	
[1191] Review of MAD-X for FCC-ee studies	FAUS-GOLFE, Angeles	
[1567] Observation of a synchro-betatron instability in Fermilab booster	BALCEWICZ, Michael	
[1426] DAFNE operation strategy for the observation of the kaonic deuterium	DI PASQUALE, Enrico	
[1064] Development of novel beam instrumentation for in vivo and in vitro end stations for Laser-hybrid Accelerator for Radiobiological Applications	RAZAK, Rehanah	
[764] Data processing for profile monitor of HEPS linac	JIAO, Yi	
[1468] Digital direct feedback at ALBA for beam loading mitigation	OCAMPO, Jesus	
[2307] Hybrid on- and off-axis injection scheme optimisation for the FCC-ee collider	JOHNSON, Elliott	

[1954] Report on an international accelerator school - ISBA23	LIPTAK, Zachary	
[1144] Introducing a semi-Gaussian mixture model for simulating multiple coulomb scattering in RF-Track	STECCHAUNER, Bernd	
[1436] FLUKA simulations of neutrino-induced effective dose at a Muon Collider	FRASCA, Alessandro	
[1145] Optimizing initial beam parameters for efficient muon ionization cooling	STECCHAUNER, Bernd	

Wednesday Poster Session: WEPS - Blues (16:00 - 18:00)

[id] title	presenter	board
[1006] Novel materials for beam acceleration	SEDDON-STETTLER, Sadie	
[1637] Cavity and cryomodule test stands in SHINE	ZHAO, ShenJie	
[1085] Testing of two-cell RF-dipole crab cavity	DE SILVA, Subashini	
[1831] Development of plasma processing for coaxial cavity cryomodules	HARTUNG, Walter	
[1714] Development of superconducting RF cavity in traveling-wave regime at Fermilab	MCGEE, Kellen	
[397] Design, construction and operation of a surface-treatment platform for SHINE superconducting cavities	CHEN, Jinfang	
[423] A life cycle assessment of the ISIS-II neutron and muon source	Dr WAKELING, Hannah	
[1862] First high-Q treatments for FCC 800 MHz 5-cell elliptical cavities	MCGEE, Kellen	
[1170] Particles and photon attenuating behavior of lead free Eu^{3+} doped barium phosphate glass system	UPADHYAY, Devendra	
[492] Optimization studies on accelerator sample components for energy management purposes	ABUSAIF, Falastine	
[526] Plasma processing on C75 cavities in Jefferson Lab	RAUT, Nabin	
[1657] Niobium-tin films grown on copper by low-temperature co-sputtering for SRF cavity application	MAJOR, Marton	
[1879] Ferroelectric fast reactive tuner – technology progress and applications	KANAREYKIN, Alexei	
[926] Comparison on the superconducting properties of Nb and NbTiN thin films produced by both HiPIMS and bipolar HiPIMS	SIMON, Stephane	
[1105] Development and test of a large-aperture Nb ₃ Sn cos-theta dipole coil with stress management	ZLOBIN, Alexander	
[1864] Next-generation SRF cavities with energetic condensation	VALENTE-FELICIANO, Anne-Marie	
[2057] Mapping of an SRF electron gun focusing solenoid assembly	JONES, Christopher	
[700] Superconducting dipole for Elettra 2.0	Dr MODICA, Marco	
[1159] Devices and preparation methods for niobium coupon samples used to investigate high-Q mechanism	ZONG, Yue	
[1106] Development and test of a small-aperture dipole coil made of REBCO stacked-tape cable	ZLOBIN, Alexander	
[1510] Measurement of the field quality and repeatability on the first Q2 magnets for HL-LHC	FISCARELLI, Lucio	
[1535] REBCO sample testing at high power X-band	DHAR, Ankur	
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