

IPAC'24 - 15th International Particle Accelerator Conference

Monday, 20 May 2024

Monday Poster Session: MOPC - Country (16:00 - 18:00)

[id] title	presenter	board
[383] Fabrication and high-gradient testing of an X-band phase shifter for VIGAS	GAO, Qiang	
[1254] Capture cavities for the CW polarized positron source Ce+BAF	WANG, Shaoheng	
[721] Recycling magnets for the EIC electron storage ring	SINGH, Harshita	
[1505] Bunch compression with a beam energy control unit consisting of DBA structures	WU, Liuyang	
[727] The EIC accelerator – design highlights and project status	NAGAITSEV, Sergei	
[1206] Study of interfering spin resonances in multi-snake lattice	Dr RANJBAR, Vahid	
[1975] Crossing angle implementation for luminosity maximization in a narrow vertex region in RHIC operation	LIU, Chuyu	
[1527] Design and status of the SHINE injector	JIANG, Zenggong	
[1514] Beam tomography and emittance measurement at the CERN Linear Electron Accelerator for Research	Dr AKSOY, Avni	
[1516] Enhancing beam intensity in RHIC EBIS beam line via GPTune machine learning-driven optimization	COE, Benjamin GU, Xiaofeng LIU, Yang	
[804] Beam commissioning of the EIC with detector	BLEDNYKH, Alexei	
[420] Fabrication and low-power testing of an X-band mode converter for VIGAS	LI, An	
[1847] Eddy current shielding of the magnetic field ripple in the EIC electron storage ring vacuum chambers	PODOBEDOV, Boris	
[1114] Haissinski distribution of electron beam in Electron-Ion Collider and its impact on the hadron beam	HAO, Yue	
[2025] Mechanical design and 3-D coupled RF, thermal-structural analysis of the quarter wave stub for 197 MHz crab cavity	BRUTUS, Jean Clifford	
[964] Development of FFA RLA design concept	MOROZOV, Vasiliiy	
[1779] Mechanical analysis and design for the LCLS-II-HE soft X-ray undulator reconfiguration	MALLON, Philip	
[1080] Toward a long-lifetime polarized photoelectron gun for the Ce+BAF positron source	BRUKER, Max	
[962] Luminosity maximization in a small vertex region at RHIC	HOCK, Kiel	
[1564] Weak-strong beam-beam simulation with crab cavity noises for the hadron storage ring of the Electron-Ion Collider	LUO, Yun	
[847] The hadron storage ring lattice of the Electron-Ion Collider	XU, Derong	
[756] RPI LINAC refurbishment control system engineering plan	KRZIC, Tina	
[1838] Transversely driven coherent beam oscillations in the EIC electron storage ring	PODOBEDOV, Boris	

[2033] Operation of the LHC during the 2023 proton run	CALIA, Andrea	
[683] High bunch charge linacs design for the FCC-ee project	BETTONI, Simona	
[595] New high power linear accelerator ABC and platform	LFAVE, Rich Dr MISHIN, Andrey MILLER, Lawrence AMOROSO, Adam	
[400] BAGELS: A General Method for Minimizing the Rate of Radiative Depolarization in Electron Storage Rings	SIGNORELLI, Matthew	
[1196] Simulations of positron capture at Ce+BAF	USHAKOV, Andriy	
[789] Assessing global crabbing scheme feasibility for Electron-Ion Collider	XU, Derong	
[443] Transfer learning for field emission mitigation in CEBAF SRF cavities	AHAMMED, Kawser	
[509] Design of X-band distributed-coupling accelerating structure	Mr LI, Qingzhu	
[1842] Single line ERL permanent magnet electron FFA accelerator for LHeC	TRBOJEVIC, Dejan	
[1976] Study of orbital effects on EIC detector synchrotron radiation background	LIU, Chuyu	
[433] Numerical methods for emittance computation from luminosity	RUFOLO, Matteo	
[1938] Computational simulations and beamline optimizations for an electron beam degrader at CEBAF	LIZÁRRAGA-RUBIO, Victor	
[416] Polarization preservation methods for the electron storage ring of the EIC	SIGNORELLI, Matthew	
[2049] Beam loss mitigation in H- linac	LIU, Yong	
[1017] Initial results from 35 keV H+ beam at the LANL RFQ test stand	THORNTON, Remington	
[991] Towards large phase space beams at the CEBAF injector	SY, Amy	
[1393] Evolution of special LHC optics configurations: Run 3 update	EFTHYMIPOULOS, Ilias	
[1377] LHC optics commissioning in 2023 and 2024	PERSSON, Tobias	
[1572] Wide range tune scan for the hadron storage ring of the Electron-Ion Collider	LUO, Yun	
[584] A study for emittance growth compensation by space charge effects at the injector of KEK-STF after dry ice cleaning of the RF gun	MUKHERJEE, Sayantan	
[507] Studies of space-charge compensation of positive ions by creating time-dependent secondary electrons in low-energy beam transport line	COSGUN, Emre	
[922] Design Updates to the EIC Electron Storage Ring Lattice	XU, Derong	
[876] Status of the commissioning of the X-band injector prototype for AWAKE Run 2c	GSCHWENDTNER, Edda	
[2000] Dynamic aperture of the EIC electron storage ring	SIGNORELLI, Matthew	
[554] ESTABLISHING A NEW CLASS OF HIGH-CURRENT ACCELERATOR-DRIVEN NEUTRON SOURCES WITH THE HBS PROJECT	KÜMPEL, Klaus	
[1057] A new baseline layout for the FCC-hh ring	PEREZ-SEGURANA, Gustavo	
[1234] Progress on the design of the interaction region of the Electron-Ion Collider EIC	WITTE, Holger	
[1703] Final physics design of proton improvement Plan-II at Fermilab	PATHAK, Abhishek	
[794] ZDC effective cross section for Run 16 gold-gold collisions in RHIC	DREES, Kirsten	
[449] Design and development of array multipoint accelerator tube	Mr LI, Qingzhu	

[667] Simulations and lattice optimization of RF electron linac designed for VEGA LCS gamma-ray source	TRACZ, Piotr	
[1999] Permanent magnet electron energy synchrotron 2–18 GeV with fixed betatron tunes	TRBOJEVIC, Dejan	
[564] Simulated impact of the HL-LHC beam on a graphite target	Dr HERON, John	
[458] Performance test for single-spoke resonator superconducting cavities in RAON	KIM, Heetae	
[1166] Optimization of beam emittance under the influence of geomagnetic field	LIU, Zipeng	
[1158] Design and test of a S band TW buncher for the injector linac of HEPS	XIAO, Ouzheng	
[1814] Commissioning results of third C75 cryomodule for CEBAF	SENEVIRATHNE, Iresha	
[482] R&D of X-band deflecting structure applied on SHINE	TAN, Jianhao	
[903] Expanding the CERN ion injector chain capabilities: new beam dynamics simulation tools for future ion species	WAAGAARD, Elias	
[527] Magnetic focusing architecture for a compact electron beam buncher	SHIPMAN, Kevin	
[1068] Development of normal conducting heavy ion linac in China	YIN, Xuejun	
[1545] Global betatron coupling compensation for the hadron storage ring of the Electron-Ion Collider	LUO, Yun	
[1056] Study of the corrector systems for the new lattice of the CERN hadron-hadron Future Circular Collider	PEREZ-SEGURANA, Gustavo	
[1061] LHC ion commissioning	FERRENTINO, Vittorio	
[1110] Generating super-Gaussian distribution and uniform sliced energy spread bunch for EIC strong hadron cooling	WANG, Erdong	
[1978] Local and global betatron coupling correction based on beam position measurements in RHIC	LIU, Chuyu	
[1517] RHIC Au-Au operation at 100 GeV in Run 23	SHREY, Travis	
[1217] Mastering longitudinal losses for HL-LHC	ZAMPETAKIS, Michail	
[1601] Sextupole RDTs in the LHC at injection and in the ramp	PERSSON, Tobias	
[1347] Dust-induced beam losses in the Large Hadron Collider	RODIN, Volodymyr	
[1109] The design progress of a high charge, low energy spread polarized pre injector for Electron Ion Collider	WANG, Erdong	
[959] Correction of the detector solenoid effect in the hadron storage ring of the Electron-Ion Collider	MOROZOV, Vasilii	
[1179] Feasibility study of the Alice fixed-target experiment with HL-LHC lead ion beams based on crystal-assisted beam Halo splitting	MONIKOWSKA, Marta	
[740] Electromagnetic and beam dynamics modeling of LANSCE front-end elements with CST studio	KURENNOY, Sergey	
[1199] Luminosity effects of heavy tailed beams with transverse x-y correlation	LAMB, Eleanor	
[436] Machine interlock system for accelerator section in PAL-XFEL	SUH, YoungJin	
[788] Advancing electron injection dynamics and mitigation approaches in the Electron-Ion Collider's swap-out injection scheme	XU, Derong	
[1125] Optimization design of photoneutron source for detecting dissolved substances in aqueous solutions	ZONG, Chunguang	
[1285] Status of the second interaction region for Electron Ion Collider	GAMAGE, Bamunuvita	

Monday Poster Session: MOPG - Bluegrass (16:00 - 18:00)

[id] title	presenter	board
[1518] Design and optimization of an ERL-based X-ray FEL	LIN, Fanglei	
[1027] The achievement of independently-tunable two-color lasing at the FHI FEL	TODD, Alan	
[1069] A faster algorithm to compute lowest order longitudinal and transverse resistive wall wake for non-ultrarelativistic case	Mr TANG, Jiazhen	
[1749] VUV diagnostics for oscillator FEL operation from 200 nm to 155 nm	MIKHAILOV, Stepan	
[1083] Compton gamma-ray production enabled by VUV FEL operating around 170 nm	WU, Ying	
[1688] Harmonic generation from hard X-ray self-seeded free-electron laser	LECHNER, Christoph	
[1607] Electron-emitted THz radiation optimized with a model-less algorithm	GALASSI, Fabio	
[1143] Characterization of a single-pass high-gain THz FEL at PITZ	ZHANG, Xiao-Yang	
[1388] FERMI plans for a 2 nm seeded FEL	ALLARIA, Enrico	
[1380] High level software for operating an EEHG FEL	ALLARIA, Enrico	
[1279] Mode-locked soft x-ray FEL generation based on HHG seed	QI, Zheng	
[1720] Numerical simulations of harmonic lasing at SASE2 beamline of European XFEL	LECHNER, Christoph	
[552] Calculation of focal spot of secondary X-rays generated by high-energy electron beam bombarding of heavy metal targets	FENG, Boyuan	
[1706] Beam dynamics of twin-bunch generation in the LCLS-II	Dr ZHU, Zihan	
[577] Beam dynamics research for high-repetition-rate infrared FEL linac	YANG, Yimin	
[1255] Compact high peak power THz source driven by thermionic RF gun	YANG, Yining	
[1548] Status of the seeding upgrade for FLASH2020+ project	VOGT, Mathias	
[1964] Superradiance in X-ray free-electron lasers	MARINELLI, Agostino	
[1802] High-energy and narrow-bandwidth X-ray regenerative amplifier FEL design for LCLS-II-HE	SINGLETON, Madison	
[1881] First experimental demonstration of fully structured light in an EUV FEL	MORGAN, Jenny	
[1793] Pulsed Compton Gamma-ray beam generation using pulsed FEL beam	MIKHAILOV, Stepan	
[448] Construction progress of THz-FEL for NFTHZ	DONG, Shaoxiang	
[1046] Simulation study for nanometer-scale modulation transfer in emittance exchange beamlines	HA, Gwanghui	
[1570] Conceptual design of the laser-plasma based soft X-ray Free Electron laser	WHITEHEAD, Alex	
[875] A compact water window X-ray source based on inverse Compton scattering	OLIVARES HERRADOR, Javier	
[823] Generation of sawtooth correlation for bunching factor enhancement	HA, Gwanghui	
[865] X-ray optics and diagnostics for the cavity-based X-ray free-electron laser project	LIU, Peifan	
[1257] Towards attosecond x-ray sources driven by infrared free-electron laser oscillators	HAJIMA, Ryoichi	
[765] Study on high energy coupling efficiency of laser-electron interaction via vortex beam	XU, Xiazhen	
[1508] Effects of the ALBA slab movement on ALBA-II	CARLÀ, Michele	

[1513] Optimization of ELSA electron beam transport for its inverse Compton scattering X-ray source	PIRES, Abel	
[1441] Experimental characterization of the sensitivity of echo-enabled harmonic generation to operating parameters	SPEZZANI, Carlo	
[1211] Simulations of CXFEL with the MITHRA code	ROS, Elena	
[1118] An experimental proposal for the strong-filed Terahertz generation at SXFEL facility	ZHANG, Kaiqing	
[1539] Towards short-pulse generation at FLASH via laser-assisted electron bunch manipulation	AMSTUTZ, Philipp	
[1817] Early lasing at LCLS and its implications for future cavity-based XFELs	BALCAZAR, Mario	
[1519] The CXFEL project at Arizona State University	GRAVES, William	
[1260] Electron bunch spacing for the FEL generation with a laser heater and collimators at PAL-XFEL	SHIM, Chi Hyun	
[1812] LCLS multi-bunch improvement plan: recent progress and future work	Dr HALAVANAU, Aliaksei	
[1702] Commissioning of spectral diagnostics and future concepts for the PAX experiment at FACET-II	HESSAMI, Rafi	
[1796] Terawatt-scale attosecond soft X-ray pulses from a superradiant free-electron laser cascade	ROBLES, River	
[1136] Generating tunable X-ray optical frequency combs using a free-electron laser	NI, Lanpeng	
[1621] A seeded THz free electron laser with an overmoded waveguide to reduce diffraction	SIMAKOV, Evgenya XU, Haoran ZUBORAJ, Muhammed	
[1941] Engineering of interaction region for a 200 keV inverse Compton scattering light source	HODGETTS, Tara	
[969] The UK XFEL conceptual design and options analysis - mid-term update	MATHISEN, Storm	
[1696] Electron beam shaping by laser heater for attosecond pulse duration X-ray free electron laser	MOON, Kookjin	
[1635] An update on EIC rapid cycling synchrotron optics	Dr RANJBAR, Vahid	
[1791] Coherent spectrotemporal shaping of fresh slice attosecond X-ray free-electron lasers	ROBLES, River	
[856] Start-to-end simulation of second hard X-ray beamline at the PAL-XFEL and plans of R&D activities on high-brightness XFEL generation	KIM, Seongyeol	
[1809] Status of cavity-based X-ray free electron laser project at SLAC	Dr HALAVANAU, Aliaksei	
[1856] PolFEL – polish free electron laser under construction	GRABOWSKI, Wojciech	
[978] FLASH status – FEL user facility between two upgrade shutdowns	VOGT, Mathias	
[1181] First commissioning of the corrector quadrupoles in the 2nd bunch compression chicane at FLASH	VOGT, Mathias	
[606] EUV FEL light source based on energy recovery linac with on-orbit laser plasma injection	SERYI, Andrei	
[1291] Ultrafast free-electron laser generation with optical beat note	XIAO, Yaozong	
[1561] Plasma accelerator based free electron laser program at ELI-beamlines	WHITEHEAD, Alex	
[1839] Extreme pulse compression for impulsive ionization of valence wavepackets	CESAR, David	

[1294] Different scenarios for generating coherent THz radiation based on a compact electron accelerator	LIU, Weihang	
[912] Conceptual facility design of the Dresden Advanced Light Infrastructure	Dr LEHNERT, Ulf	
[1746] Integrating Sustainable Computational Strategies in Light Source Accelerator Upgrades	VOGT, Mathias	
[1239] High-resolution X-ray topography characterization of diamond self-seeding monochromator for the SHINE	ZONG, Yue	
[1972] Dispersion orbit detection by orbit harmonic analysis and potential applications	SANNIBALE, Fernando	
[2050] Overview of R&D activities in the production of high energy photon beams for future user experiments beyond 25 keV at the EuXFEL	ZHU, Zihan	
[2046] Characterization of low-emittance electron beams generated by a new photocathode drive laser system NEPAL at the European XFEL	ZHU, Zihan	
[1275] Study of the radiation field from multiple out-coupling holes in an infrared free electron laser oscillator	XIA, Mengqi	
[550] Status update of the SASE3 variable polarization project at the European XFEL	WOLFF-FABRIS, Frederik KARABEKYAN, Suren	
[924] Simulations of dielectric-lined waveguide seeding option for THz FEL at PITZ	ZHANG, Xiao-Yang	
[1117] Undulator radiation of single electrons: coherence length and quantum-optical properties	STANCARI, Giulio	
[1663] Characterization of FEL mirrors with long ROCs	DELOOZE, William	
[1899] Stability and scalability of superradiant amplification in attosecond X-ray free-electron lasers	ROBLES, River	
[1981] Low-alpha operation of the IOTA storage ring	JARVIS, Jonathan	
[1584] New opportunities for excellent FEL experiments at FLASH	VOGT, Mathias	
[1207] Polarization performance of a 3 GeV electron booster	Dr RANJBAR, Vahid	
[1794] Development of X-ray laser oscillator	Dr HALAVANAU, Aliaksei	
[1889] Linking edge-ML X-ray diagnostics and adaptable photoinjector laser shaping for leveraging the capabilities of LCLS-II	HIRSCHMAN, Jack	
[1956] Attosecond research at the Linac Coherent Light Source	MARINELLI, Agostino	
[732] Thermoelastic response of Bragg crystals under MHz thermal loading	LIU, Peifan	
[680] Challenges and mitigation measures for synchrotron radiation impact on the FCC-ee arcs	FRASCA, Alessandro	
[822] Beam-based alignment simulations for FCC-ee	HUANG, Xiaobiao	

Monday Poster Session: MOPR - Rock 'n Roll (16:00 - 18:00)

[id] title	presenter	board
[1463] A compact electron accelerator for muon production	LIPTAK, Zachary	
[1965] Test of a metamaterial structure for structure-based wakefield acceleration	MERENICH, Dillon	
[1043] Fabrication of THz corrugated structure using X-ray based lithography	SHIN, Seunghwan	
[1877] Ion-ion collisions in plasma wakefield accelerators: nonlinear focusing and emittance growth in high-energy linear colliders	Dr YADAV, Monika	

[1329] Neutron production using compact linear electron accelerators	OLIVARES HERRADOR, Javier	
[1781] Alternative negative electron affinity activation studies at HERACLES	LEVENSON, Samuel	
[1768] Development of liquid lithium target in crucible for laser ion source	IKEDA, Shunsuke	
[1716] UV-Soft X-ray betatron radiation characterization from laser-plasma wakefield acceleration	FRANCESCONI, Daniele	
[1715] Injection of collider-quality e-beams in plasma accelerators	VAFAEI-NAJAFABADI, Navid	
[1091] Advanced accelerator concepts for dark sector searches and fast muon acceleration	ZIMMERMANN, Frank	
[749] Microbunching instability test for emittance exchange-based photoinjector	HA, Gwanghui	
[820] Particle motion in spatio-spectrally iso-diffracting ultrabroadband pulsed beams	HINE, George	
[1910] Transport and dosimetry of laser-driven proton beams for radiobiology at the BELLA center	DE CHANT, Jared	
[1907] Simulating the transverse probing of laser-driven plasma wakefields using ultrarelativistic electrons	TROMMER, Evan	
[1933] Highly charged magnesium ion production using laser ablation ion source at Brookhaven National Laboratory	HORANA GAMAGE, Madhawa	
[477] Investigation of plasma stability of the prototype plasma lens for optical matching at the ILC e+ source	BOULTON, Lewis	
[1835] Fixed tunes fast cycling permanent magnet proton FFA synchrotron	TRBOJEVIC, Dejan	
[497] Particle beam-driven wakefield in carbon nanotubes: hydrodynamic model vs PIC simulations	RODRÍGUEZ PÉREZ, Juan	
[1214] Studies of photoemission in the high-field regime in an X-band photoemission RF gun	CHEN, Gongxiaohui	
[1594] Field emission of nanotip cathode in RF gun	QIN, YuanYuan	
[1995] Beam transport and diagnostics study for a space plasma experiment at MITHRA	MANWANI, Pratik	
[1940] Optimizing plasma-downramp profiles and beam transport for emittance preservation in multi-stage plasma accelerators	GARTEN, Marco	
[1854] Active stabilization in high-power laser plasma accelerators	VAN TILBORG, Jeroen	
[1593] Investigation of beam generation in laser back-illumination mode using metal cathodes of varying thickness in a photocathode DC electron gun	ZOU, Rui	
[797] Design and construction of the photocathode vacuum suitcase for CARIE test facility	ALEXANDER, Anna	
[562] Extraction of Coulomb crystals with limited emittance growth	BROOKS, Stephen	
[1208] Results and plans for Run 2 of the Advanced Proton Driven Plasma Wakefield Acceleration Experiment	GSCHWENDTNER, Edda	
[1666] Progress towards high quality, high-repetition-rate plasma acceleration at FLASHForward	BOULTON, Lewis	
[1301] Unusual electron emission characteristics of CeB6 cathodes	TAKAGI, Shu	
[2042] Particle-in-cell modeling of low-temperature plasma ion sources for ion implantation	VEITZER, Seth	
[1903] Evaluation of ultrafast terahertz near-fields for electron streaking	GABRIEL, Annika	
[1694] Tunable laser Doppler spectroscopy of LANSCE H- ion source plasma	ROHDE, Charles	

[612] Optimizing the beam parameters for plasma wakefield acceleration at FACET-II	STOBBE, Mason	
[675] Lattice design of a pulsed synchrotron for a muon collider fitting within the Fermilab site boundary	CAPOBIANCO-HOGAN, Kyle	
[1645] Compact, quality-preserving energy booster for intense laser-plasma ion sources	HUEBL, Axel	
[424] Empirical modeling of the photocurrent time-dependence in co-deposition activation procedures for GaAs photocathodes	HERBERT, Maximilian	
[1798] An overview of spin-polarized photocathode research at cornell university	LEVENSON, Samuel	
[1994] Flat beam transport for a PWFA experiment at AWA	MANWANI, Pratik	
[1550] Exploiting optical interference effects to enhance the quantum efficiency of photocathodes	PENNINGTON, Chad	
[1641] Photocathode epitaxy and beam experiments laboratory at Cornell: current status and future work	ECHEVERRIA, Elena	
[2020] High-intensity pulse propagation in multi-GeV laser plasma accelerator stages	PICKSLEY, Alex	
[468] Experimental characterization of the timing-jitter effects on a beam-driven plasma wakefield accelerator	DEMURTAS, Francesco	
[1998] Comparison of flat beam PWFA analytic model with PIC simulations	MANWANI, Pratik	
[1644] An LWFA injector for AWAKE Run 2 experiment	MARINI, Samuel	
[1116] An ultimate single-ion source using a Coulomb crystal in a Paul trap	MUROO, Kento	
[1352] Design and optimization of structured metal plasma targets using a CFD code for laser wakefield acceleration	LEE, Hyeon Woo	
[1209] Preparation for Realisation of External Electron Injection for AWAKE Run 2b	GSCHWENDTNER, Edda	
[1699] Optical pump generation for long-wave infrared lasers for advanced acceleration	LI, William	
[716] First results from the EuPRAXIA doctoral network: paving the way for next-generation particle accelerators	Prof. WELSCH, Carsten	
[1695] DEVELOPMENT OF INDUCTIVE HIGH TEMPERATURE OVEN (HTO) AT THE FACILITY FOR RARE ISOTOPE BEAMS (FRIB)	CHENG, Haoyu	
[2059] Development of a novel segmented THz-driven electron source	BAZRAFSHAN, Reza	
[829] Fabrication and testing of mode couplers for a 180 GHz colinear wakefield accelerator	POPOVIC, Branko	
[681] Quadrupole field instability in cylindrical dielectric wakefield accelerators	HIGUERA GONZALEZ, Beatriz	
[1888] Simulation study for GeV electron beam generation in LWFA using laser-ablated metal plasma	SHIN, Sang Yun	
[1989] Observation of skewed electromagnetic wakefields in an asymmetric structure driven by flat electron bunches	LYNN, Walter	
[750] Start-to-end simulation of high-gradient, high-transformer ratio structure wakefield acceleration with TDC-based shaping	HA, Gwanghui	
[1966] Recent developments and future plans for Brookhaven's Accelerator Test Facility	POGORELSKY, Igor	
[1187] Quest for an optimal spin-polarized electron source for the Electron Ion Collider	BISWAS, Jyoti	

[1788] Chemical robustness enhancement of negative electron affinity photocathodes through cesium-iodide deposition	LEVENSON, Samuel	
[1674] Experimental investigation of zero transverse force modes in sub-THz dielectric lined waveguide	PHILLIPS, Cassandra	
[1530] High gradient C-band cryogenic copper silver structures	DHAR, Ankur	
[1541] Laser-plasma injector for an electron storage ring	FUCHS, Matthias	
[1859] Optically-generated plasma lens for focusing relativistic electron beams	HARTMAN, Leah	
[777] Cooling demonstrator target and pion capture study	KAMATH, Rohan	
[1045] Progress on high-power generation using sub-THz corrugated waveguide	HA, Gwanghui	
[1289] Instability of asymmetric electron drive beams in hollow plasma channels	LEGASPI, Rafael Yrjosmiel	
[1992] Optimization of laser coupling into optically field ionized plasma channels for laser-plasma acceleration	STACKHOUSE, Josh	
[1281] Electron acceleration by Laguerre-Gaussian pulse in relativistic-ponderomotive regime of magnetoplasma	SINGH, Arvinder	
[838] Design of prototype magnet for FETS-FFA	BROOKS, Stephen	
[1996] Status of electron acceleration experiments at the BELLA center	GONSALVES, Anthony	
[1559] FFA@CEBAF beam transport error and tolerance simulation studies	KHAN, Donish	
[1959] Cryogenic testing of CuAg alloys for high gradient cavities	LAWLER, Gerard	
[1571] Current status of the FFA@CEBAF energy upgrade	KHAN, Donish	
[1762] Matching and guiding of an laser plasma accelerated electron beam in a undulator with FODO lattice	BARBER, Samuel	
[406] High-efficiency traveling-wave accelerating structure with ceramic insertion	XU, Haoran	
[2044] E-320 at SLAC	HESSAMI, Rafi	
[1967] Enabling access to research capabilities through Brookhaven's accelerator science & technology initiative	PALMER, Mark	
[674] Design, fabrication, and testing of a W-band corrugated waveguide for Wakefield acceleration	LEUNG, Brendan	
[1705] A compact source of positron beams with small thermal emittance	HESSAMI, Rafi	
[1984] Design and modeling of HOFI plasma channels for laser plasma accelerators	COOK, Nathan	
[1220] Ultrafast electron diffraction with adjustable camera length at high energies	DENHAM, Paul	
[1050] Fabrication study of corrugated structure for sub-THz by stacking disks	KONG, Hyung-sup	
[1932] Compact, all-optical positron production and collection scheme	TERZANI, Davide	
[1731] Development of a de-focusing space charge lens for positive ion beams	DÖNGES, Thomas	
[1993] Progress on the capillary plasma discharge source at UCLA	MANWANI, Pratik	
[1370] High gradient operation of cryogenic C-band RF photogun at UCLA	LAWLER, Gerard	
[1662] Electron probing of laser wakefield at the Accelerator Test Facility	GAIKWAD, Apurva	
[1481] Research and application of chromatic effect in laser-driven proton therapy	WANG, Kai	
[1744] Thermomechanical and nonlinear plasmonic modeling of laser-field emission from extended nanostructured cathodes	MANN, Joshua	
[1986] High gradient testing of cryogenic C-band distributed coupling cavities	BOSCO, Fabio	

Monday Poster Session: MOPS - Blues (16:00 - 18:00)

[id] title	presenter	board
[601] Incoherent and coherent tune shifts for Elettra 2.0	KRECIC, Stefano	
[636] Demonstrations of the 4D phase space reconstruction of flat and magnetized beams using neural-networks and differentiable simulations	KIM, Seongyeol	
[748] Imparting arbitrary correlation on longitudinal phase space using transverse wigglers and deflecting cavities	HA, Gwanghui	
[1536] Microbunching gain evaluation of bunch compressor designs	DETRICK, Kirsten	
[1160] First operational experience with data-driven hysteresis compensation for the main dipole magnets of the CERN SPS	ZANNINI, Carlo	
[1700] Linac-driven beam physics at Eupraxia@SPARC_LAB	DEMURTAS, Francesco	
[1280] Accelerator system parameter estimation using variational autoencoded latent regression	RAUTELA, Mahindra	
[538] Fringe field maps for transverse gradient bending magnets with curved poles	BORLAND, Michael	
[1216] Solving the Orszag-Tang vortex magnetohydrodynamics problem with physics-constrained convolutional neural networks	LEON, Christopher	
[1337] Simulation studies of laser cooling for the Gamma Factory proof-of-principle experiment at the CERN SPS	KRUYT, Peter	
[1394] A full C-band high brightness RF injector for future EuPRAXIA@SPARC_LAB upgrade	SILVI, Gilles Jacopo	
[1811] Koopman operator method for nonlinear dynamics analysis using symplectic neural networks	ANDERSON, Kelly	
[889] Comparison of multi-objective Bayesian optimization and the reduction of resonance driving terms in the optimization of the dynamic aperture of the BESSY III MBA lattice	KUSKE, Bettina	
[529] NuMI beam muon monitor data analysis and simulation for improved beam monitoring	SNOPOK, Pavel	
[634] Enhancing CERN-SPS slow extraction efficiency: meta bayesian optimization in crystal shadowing	FRASER, Matthew	
[2015] First-principle simulations of a laser-assisted bunch compression scheme	AL MARZOUK, Afnan	
[1894] Ion optics test stand: generating ML training data sets for ion optics optimization	SKOBE, Matevz	
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