IPAC'24 - 15th International Particle Accelerator Conference

Thursday, 23 May 2024

Thursday Poster Session: THPC - **Country (16:00 - 18:00)**

[id] title	presenter	board
[676] Preparations of the Elettra booster for Elettra 2.0	KRECIC, Stefano	
[952] Experimental measurement of the second-order transit time factor in a single-cell RF cavity for relativistic electron beams	SHIH, Kai	
[1326] Status of the ALBA-II lattice studies	CARLÀ, Michele	
[1581] Estimates of cross-talk effects for magnets of the Advanced Photon Source upgrade lattice	BORLAND, Michael	
[1849] Image based reconstruction of the Danilov-Nagaitsev integrable potential	WIELAND, John	
[1335] Tail population studies in the CERN PS	PREBIBAJ, Tirsi	
[1942] Broadband impedance induced heating proxy for operation at higher total current at SIRIUS	ALVES, Murilo	
[878] Emittance growth studies due to Crab Cavity induced amplitude noise in the SPS	FORNARA, Andrea	
[489] Impedance analysis of the septum in Hefei Advanced Light Facility	Dr SONG, Wenbin	
[731] Status of the Spallation Neutron Source beam test facility and progress of beam dynamics studies	RUISARD, Kiersten	
[610] Comparison of simulation and measurement of an in-vacuum undulator coupling impedance at NSLS-II	KHAN, Aamna	
[699] A wireless method for beam coupling impedance bench measurement of resonant structures	ANTUONO, Chiara	
[1597] Updates on the wake potential calculation for the Electron-Ion Collider with ECHO3D	WANG, Gang	
[1783] Adjoint computation of lattice sensitivities using particle simulation codes	ANTONSEN, Tom	
[558] Studies and mitigation of TMCI in FCC-ee	ANTUONO, Chiara	
[720] Bunch-by-bunch simulations of beam-beam driven particle losses in the LHC	BELANGER, Philippe	
[1277] Estimation of impedances and corresponding instabilities in Korea-4th generation storage ring	SEOK, Jimin	
[1608] Impedance calculation for large accelerator structures using a domain decomposition method	DE GERSEM, Herbert	
[1832] GSI electron lens for space charge compensation	KIRK, Markus	
[1130] Narrowband impedance studies in the HEPS storage ring	LI, Jintao	
[1580] Novel method for transverse narrow-band impedance calculation by coupled-bunch instability measurements in circular accelerators	LIU, Yudong	
[2062] Optics design of a compact helium synchrotron for advanced cancer therapy	PREBIBAJ, Tirsi	
[916] Horizontal splitter design for FFA@CEBAF energy upgrade: current status	BODENSTEIN, Ryan	

[859] Validation of the slice model used in the beam-beam simulation	KAN, Yi-Kai	
[1182] Design of the H- beam line for the LANL RFQ test stand	Dr SOSA GUITRON, Salvador	
[376] Quasi-isochronous conditions and high order terms of momentum compaction factor at the compact storage ring	FUCHS, Matthias	
[837] Design of the linear optics of a complex bend lattice	SONG, Minghao	
[806] EIC impedance and beam dynamics	BLEDNYKH, Alexei	
[826] Correction of nonlinear lattice with closed orbit modulation	HUANG, Xiaobiao	
[1284] Resonant matching section for CEBAF energy upgrade	GAMAGE, Bamunuvita	
[1102] Direct measurements of RHIC BPM data at the IP using linear regression	FUNG, William	
[608] Crossing transition in the EIC HSR with a resonance island jump scheme	DREES, Kirsten	
[1410] Beam-based alignment of magnetic system in AREAL linear accelerator	Dr GRIGORYAN, Armen	
[1661] Full-cycle 6D simulations of the FNAL booster	OSTIGUY, Jean-Francois	
[1678] Mitigation of beam coupling impedance for the wire scanners in the CERN Super Proton Synchrotron	VOLLINGER, Christine	
[1553] Development of an ERL for coherent electron cooling at the Electron-Ion Collider	SETINIYAZ, Sadiq	
[947] IMPACT-T simulation for the latest coherent electron cooling pop experiment	SHIH, Kai	
[1276] Transmission characteristics of dark current in a 1.4-cell RF photocathode gun	LI, Jiapeng	
[1452] Impedance database for the Diamond-II booster	FIELDER, Richard	
[1726] Experimental measurements for extracting nonlinear invariants	WIELAND, John	
[609] Beam based measurements of Titanium coated ceramic chamber at NSLS-II	KHAN, Aamna	
[974] Recent updates in the impedance characterization of the CERN PS Booster Finemet® RF system	VOLLINGER, Christine	
[1100] Sorting strategies for the new superconducting magnets for the CERN HL-LHC	PUGNAT, Thomas	
[590] Study of the beam-beam interaction in an electron-positron collider with large Piwinski angle and crabbed waist	LI, Sangya	
[543] Advanced modeling and optimization of nuclear physics colliders	QIANG, Ji	
[1453] Updates to the impedance database for the Diamond-II storage ring	FIELDER, Richard	
[701] Impedance reduction of the beam gas ionization monitors for the CERN SPS	BURSALI, Hikmet	
[1185] Simulation of the LANSCE PSR injection and extraction beam lines	Dr SOSA, Salvador	
[1717] Optimizations for ultrafast electron diffraction with a cryogenic C-band gun	PENNINGTON, Chad	
[1568] Assessment of the real part of the impedance of the LHC collimators with instability growth rate measurements	GIACOMEL, Lorenzo	
[1591] Use of two- and three-dimensional magnetic measurement data to refine the APS upgrade model	BORLAND, Michael	
[1477] Updated analysis of beam halo measurements in LHC Run 2 and 3	REDAELLI, Stefano	
[1077] Beam Trajectory influence on dispersion and uniform beams at NASA Space Radiation Laboratory's beam line	LIN, Weijian	

[1184] Start-to-end simulations of the LAMP accelerator front-end	Dr SOSA, Salvador	
[1643] Dynamics study of laser stripping injection of H- beam in the SNS	LIN, Fanglei	
[1492] Optics corrections and performance improvements in the Bessy II Booster	MCATEER, Meghan	
[2047] Sextupole offset effects on the storage ring linear optics	CHOI, Jinhyuk	
[1579] Status of beam-beam studies for the high-luminosity LHC	EFTHYMIOPOULOS, Ilias MOUNET, Nicolas DE MARIA, Riccardo TOMAS, Rogelio	
[544] Combined wakefield and beam-beam effects in the EIC design	QIANG, Ji	
[1222] Minimizing space charge tune spread and increasing beam quality parameters with circular modes	GILANLIOGULLARI, Onur	
[1876] Pulsed correctors for the beam vertical stability during injection in CESR	KHACHATRYAN, Vardan	
[1327] Simulations of beam loading compensation scenarios with RF-Track	OLIVARES HERRADOR, Javier	
[775] Beam-cavity interaction in the CERN PS 80 MHz RF systems	TAQUET, Mathieu	
[987] Generation femtosecond proton beam for laser plasma acceleration	QIANG, Ji	
[1449] Discussion of space charge effects of a beam train containing infinitely many bunches	FENG, Boyuan	
[1189] Performance improvement studies of the fixed target beams along the CERN injector chain	PREBIBAJ, Tirsi	
[1971] Interplay of space charge, emittance, and angular momentum in a flat-to-round transformer	POCHER, Liam	
[1021] Proton beam dynamics in bare IOTA with intense space-charge	BANERJEE, Nilanjan	
[455] Impedance model for the Fermilab Recycler ring	BOSSARD, Mary	
[921] Simulation of the simple feedback system for the mitigation of the cavity RF noise effects in EIC HSR	HUANG, He	
[744] Linear optics correction of an asymmetric storage ring lattice	WU, Xu	
[1565] Exploratory splitter bend system designs for FFA@CEBAF	KHAN, Donish	
[1146] Non-linear optimization of Iranian Light Source Facility storage ring using MOGA	BAZRAFSHAN, Reza	
[479] Machine-assisted discovery of integrable symplectic mappings	ZOLKIN, Timofey	
[1439] SOLEIL II booster robustness and emittance exchange	SCHREIBER, Patrick	
[930] Mini-beta optics commissioning at the ESRF-EBS	CARMIGNANI, Nicola	
[1711] Space charge dominated momentum spread and compensation strategies in the post-linac section of Proton Improvement Plan-II at Fermilab	PATHAK, Abhishek	
[1609] Measured dynamic aperture and detuning of nonlinear integrable optics	WIELAND, John	
[1619] Study of flat-to-round-to-flat transformation at high space charge	O'SHEA, Patrick	
[578] Impact of insertion devices on SSRF U lattice	TAN, Liyuan	
[1365] Simulation of longitudinal phase space measurements for the RUEDI ultrafast electron diffraction beamline	MCKENZIE, Julian	

Thursday Poster Session: THPG - Bluegrass (16:00 - 18:00)

[id] title   presenter   board

[635] Control system of injection and extraction for synchrotron-based proton therapy facility	TONG, Jin	
[853] The preliminary design and fabrication of LLRF system in proton CT	XIAO, Chengcheng	
[1123] Development of RF reference distribution system for Hefei Advanced Light Facility	DONG, Shaoxiang	
[2304] Updates to Xopt for online accelerator optimization and control	ROUSSEL, Ryan	
[1163] The on-line radiation monitoring system for Hefei Advanced Light Facility	DONG, Shaoxiang	
[1466] Using a particle-in-cell model for accelerator control room applications	CATHEY, Brandon	
[892] Equipment protection system against unexpected abnormalities during high-intensity proton beam operation at J-PARC MR	YOSHII, Masahito	
[474] Testing aspects of the CERN beam interlock system prior to installation in the accelerator	COLINET, Antoine	
[1884] Optimizing beam-matching optics for MITHRA plasma injection studies: simulation and experimental alignment	Dr YADAV, Monika	
[510] Automated Anomaly Detection on European XFEL Klystrons	SULC, Antonin	
[1901] Status of the transverse bunch-by-bunch feedback system at APS-U storage ring	CHENG, Weixing	
[1741] BPM feedback for LLRF energy and phase regulation in charge stripping beamlines	COGAN, Scott	
[505] HPSim Simulation of the Highly Bunched WNR Beam at LANSCE	HUANG, En-Chuan	
[1303] An accumulator ring lattice design for swap-out injection scheme	LU, Yujie	
[1821] Real-time data acquisition with CompactPCI serial platform at PSI	RYBANIEC, Radoslaw	
[1340] Cost-effective asset management for accelerator control systems: design and implementation for the ALS-U controls system	LEE, Jeong Han	
[1040] Design and magnetic field measurement of type c nonlinear magnet	HU, Wei Bo	
[682] Radiation levels from a beam gas curtain instrument at the LHC at CERN	RODIN, Volodymyr	
[914] Development of a second-generation system for the reliable distribution of machine protection parameters	BOLTON, Samuel	
[452] Improved beam loss accounting with fast data acquisition (DAQ) chassis	TISKUMARA, Jayendrika	
[855] Implementation of EPU56 control system at the Taiwan Photon Source	LIAO, Jin-Kun	
[907] Integration of LHC-type beam loss monitors into the protection system for the SIS100 synchrotron at FAIR	LAIHEM, Karim	
[1235] Research on Monte Carlo model of radiation source in HLS storage ring	DONG, Shaoxiang	
[1968] Machine learning for the LCLS-II injector online modeling and optimization	ZHU, Zihan	
[1063] Performance optimization design of photocathode injector based on multi-objective genetic algorithm	SUN, Zheng	
[2023] Radiation levels in the LHC tunnel and impact on electronics during the 2023 Pb ion run	NIANG, Samuel	
[1761] Time-of-flight beam loss monitor for the Advanced Photon Source upgrade booster to storage-ring transport line	DOOLING, Jeffrey	
[1846] Coupling of codes for modeling high-energy-density conditions in fourth generation light sources	DICK, Austin	

[1719] Improvements of longitudinal stability with LLRF optimization at SIRIUS	DAMINELLI, David	
[2009] 3D visualization and analysis of neutron scattering data in the control room	BRUHWILER, David	
[669] Development progress of high-level applications for the HEPS	LU, Xiaohan	
[776] Assessment of the ratios of radiation sources and total electron loss at the injection section of the Taiwan Photon Source facility and total electron loss by using neutron measurements	LIN, Yu-Chi	
[2001] The LCLS-II beam loss monitor readout system	DUSATKO, John	
[950] The high level software of the beam position limits detector system for APS upgrade accelerator storage ring	SHANG, Hairong	
[760] Commissioning of the digital LLRF system at the KEK Photon Factory 2.5 GeV ring	NAITO, Daichi	
[586] Status of the development of the new digital LLRF for ALBA synchrotron light facility	GIL, Pilar	
[1030] Accelerator control system software at LANSCE: vision and strategy for improvement and modernization	WESTBROOK, Eric	
[1401] First studies on error mitigation by interaction point fast feedback systems for FCC-ee	ZIMMERMANN, Frank	
[1937] Online model fine-tuning using multi-fidelity simulations	KUKLEV, Nikita	
[1946] Reducing background/noise in stretched wire alignment technique measurements	BATES, Michael	
[1837] Autofocusing accelerator beams	KATRUSIAK, Alexander	
[1153] High-reliability and high-performance machine protection system for a demanding electron linac	HROVATIN, Rok	
[579] Continuous position estimation for the full remote alignment system of the High Luminosity LHC upgrade	GUTEKUNST, Juergen	
[1988] An online analysis platform to facilitate analysis at X-ray light source	COOK, Nathan	
[460] The pre-alignment strategy of Hefei Advanced Light Facility storage ring magnet unit	WANG, Wei	
[957] Generation of symmetrical optical caustic beams for precise alignment	DUSEK, Martin	
[1868] CXLS ionizing and laser radiation safety interlock systems	EVERETT, Eric	
[1758] Experimental results on longitudinal RF beam phase feedback in the heavy-ion synchrotron SIS18	LENS, Dieter	
[1009] A multi-variable approach to mid-ranging control for unified operation of fast and slow correctors in fast orbit feedback system	KALLAKURI, Pavana	
[2054] Canadian Light Source developments of the ALBA /CLS DLLRF system	BEAUREGARD, Denis	
[1115] Prototype design of a digital low-level RF system for S-band deflectors	ZHU, Jinfu	
[1024] Prototype control system for the Low Energy Branch ion beamline	SKOBE, Matevz	
[1465] An approachable beam loss monitor configuration and operation tool for FRIB	MCNANNEY, Douglas	
[1668] Updating the RF system model in beam-cavity interactions under heavy beam loading effects	SHEN, Yubing	
[2024] Temporal profile optimization for beamline design using an improved multi-objective genetic algorithm	SUN, Zheng	

[862] Novel clock and trigger solutions with ultra-high precision delay to support time-resolved experiments at TPS	LIAO, Jin-Kun
[821] Parallel quadrupole modulation for fast beam-based determination of magnet centers	HUANG, Xiaobiao
[2030] Improvement of the LHC orbit feedback testing framework	CALIA, Andrea
[834] AGS Booster model calibration and digital-twin development	LIN, Weijian
[1935] ALS-U AR RF equipment protection system	US SAQIB, Najm
[1587] Machine protection system for TEX facility	ALESINI, David
[1304] Investigation for the applicability of a Hall probe measurement in B-field control for synchrotron duty cycle optimization	MARGREITER, Thomas
[885] Summary of the operation of CSNS accelerator since its official opening in past five years	YUAN, Yue
[1872] FPGA design of FRIB chopper monitor system	LI, ZhiYong
[898] A kick-and-cancel injection scheme for Diamond-II	FIELDER, Richard
[1469] FRIB target thermal image processing for accurate temperature maps	MCNANNEY, Douglas
[1785] Automation upgrade of the CXLS photoinjector	BROWN, Taryn
[511] Lifetime studies of superconducting magnet protection systems for the Large Hadron Collider at CERN	CARRILLO, David
[1357] ALS-U accelerator motion design and realization	LEE, Jeong Han
[858] Evaluation of top-up injection by a single nonlinear kicker in Taiwan Photon Source	LUO, Hao-Wen
[533] Design, manufacturing and validation of the CLIQ units for the protection of superconducting magnets for the High-Luminosity LHC project at CERN	CARRILLO, David
[759] TPS Booster Power Supply Performance Experiment and Monitoring Program	LIN, Wei-Yu
[522] RF and multipactor analysis for the CARIE RF photoinjector with a photocathode insert	XU, Haoran
[442] Design and commissioning of a high-level control system for a medical isochronous cyclotron	BRUNEAU, Jean-Michel
[1072] An Automated QUAD Scan Based Emittance Measurement Software	LIN, Weijian
[1035] Status of tune feedback system in Taiwan Photon Source	LUO, Hao-Wen
[763] Energy selection of synchrotron booster for SLRI beam test facility	KITTIMANAPUN, Kritsada
[1363] Development of a non-linear injection kicker for the TPS storage ring	YANG, Chin-Kang
[414] EPICS communication structure based on a SoC FPGA board	LI, ChongYue
[1882] Modernization of DARHT axis-I spinning wheel debris blocker	MASLOW, James
[840] Test of parallel beam-based alignment at NSLS-II	SONG, Minghao
[1672] Early prediction of system failures at LANSCE	YAMPOLSKY, Nikolai
[532] Design, manufacturing and validation of the new quench heater discharge power supplies for the protection of superconducting magnets for the High-Luminosity LHC Project at CERN	CARRILLO, David
[1157] Upgrade of LLRF control systems for infrared free-electron laser	DONG, Shaoxiang

Thursday Poster Session: THPR - Rock 'n Roll (16:00 - 18:00)

[id] title	presenter	board
[918] Focusing of high-energy electron beam using silicon crystals for application in radiotherapy	MONIKOWSKA, Marta	
[534] Design automation of pre-separator wedges for FRIB advanced rare isotope separator	RAO, Xing	
[1058] Beam optics modelling of slow-extracted very high-energy heavy ions from the CERN Proton Synchrotron for radiation effects testing	JOHNSON, Eliott	
[1683] FLASH proton therapy facility design with permanent magnets	TRBOJEVIC, Dejan	
[988] Study of the performance and beam loss limitations during injection of high-intensity LHC proton beams	REDAELLI, Stefano	
[1748] Environmental sustainability in basic research: a perspective from HECAP+	Dr WAKELING, Hannah	
[1636] Container stripping: enhanced classification of materials within cargo containers	BURKE, Jasmin	
[1435] Status of the Bonn Isochronous Cyclotron	SAUERLAND, Dennis	
[1963] Development of a compact electron cyclotron resonance accelerator for industrial and security applications	PALMER, Mark	
[621] FLASHlab@PITZ beamline upgrade towards full functionality – status and plans	RICHARD, Christopher	
[594] Field shaping techniques in a spectrometer magnet in the presence of ferromagnetic obstructions	KORCHEVNYUK, Vera	
[1140] Optimizing the layout for a highly efficient multi-room particle therapy facility with a minimal footprint	MARADIA, Vivek	
[381] Using octupoles to create uniform electron beam produced by irradiation accelerators	LI, An	
[637] A double multiturn injection scheme for mixed helium and carbon ion beams	RENNER, Elisabeth	
[1560] Towards the slow extraction of mixed He-2+ and C-6+ beams for online range verification	RENNER, Elisabeth	
[464] Development of a multi-angle ultrahigh dose rate MV-level X-ray radiation system for FLASH radiotherapy clinical transformation	LI, An	
[803] Monte Carlo estimation of emittance growth during injection into the LANSCE PSR	KAY, Martin	
[995] The design of the proton-EDM injection line, from BNL AGS booster	LEE, Jonathan	
[589] Status of ABC production line at Varex Imaging Corporation	Dr MISHIN, Andrey	
[1676] A pulsed Wien filter as a low-energy kicker	MUSTAPHA, Brahim	
[1387] European Laboratories for Advanced Sciences – an EC funded transnational access project for nuclear, high-energy physics and accelerator experiments and R&D support	EFTHYMIOPOULOS, Ilias	
[1224] Design of IH-DTL with PMQ focusing for medical RI production	YASUDA, Hiromasa	
[1334] Information display board system to enhance safety management at the National Synchrotron Radiation Research Center	WEN, Po-Jiun	
[1772] The X-ray imaging laboratory: a radiation test facility for validating industrial linacs	JENKINS, Michael	

[1366] Investigating transverse noise excitation for improving slow extracted spill quality at the CERN PS	FRASER, Matthew
[626] Design study of a compact IH-DTL-based injector for proton therapy facilities	LU, Yixing
[1490] Nozzle design optimization for proton FLASH therapy	KOURKAFAS, Georgios
[1172] Diffusion and acoustic properties of Nb thin films studied by time-domain thermoreflectance	ISLAM, Md Obidul
[757] Particle radiation in multilayer waveguides taking into account the frequency dependence of the electromagnetic parameters of the layers.	Dr GRIGORYAN, Armen
[772] The LOEWE-3 RFQ project	KÜMPEL, Klaus
[1307] Treatment of the residual particles after foil stripping for the CSNS-II	HUANG, Ming-Yang
[378] Effects of implantation temperature and annealing on structural evolution and migration of ruthenium in glassy carbon	JAFER, Tasabeeh Alabid
[1840] Optimizing non linear kicker injection parameters using machine learning	SCHÜTT, Alexander
[1852] High-power RF conditioning and 700 keV beam commissioning of the revised RFQ for the Frankfurt neutron source	Dr HÄHNEL, Hendrik
[2031] Study of stripping magnets design for LACE at the SNS	GORLOV, Timofey
[733] Simultaneous acceleration of multiple beams in novel LANSCE front end	BATYGIN, Yuri
[810] Current status of MINIBEE – minibeam beamline for preclinical experiments on spatial fractionation in the FLASH regime	ROUSSETI, Aikaterini
[849] Importance of quadrupole magnet fringing fields in low energy beam transport: example in the LIPAc 5 MeV D+ beamline	HYUN, Jibong
[1230] Revised error sensitivity study for the ESS proton linac	JOHANNESSON, Sofia
[1316] Study on the H- stripping injection for the CSNS-II	PANG, Zixi
[566] Operation status of FRIB wedge systems and plan for power ramp up	RAO, Xing
[1523] Investigating X-ray detector systems using Monte Carlo techniques	ELEY, Lauryn
[428] Design of a spin rotator for the ISIS Super-MuSR beamline	Dr RODRIGUEZ, Iker
[565] ELISA: a compact linear accelerator for societal applications	PASINO, Eleonora
[845] Progress on pulsed electron beams for radiation effects characterization of electronics	KULKARNI, Atharva
[500] Practical design and manufacturing of the new ISIS MEBT chopper	AVAROGLU, Akanay
[641] Fabrication and tuning of a 325 MHz ion-injector for particle therapy facility	GUO, Yusen
[1482] SAFEST project, a compact C-band RF linac for VHEE FLASH radiotherapy	CHIADRONI, Enrica FRANCESCONE, Daniele
[1911] Conditioning of rod-style RFQ in support of LANSCE front-end upgrade	HALL, Wesley
[848] Alternative gamma-ray source based on 2.2 MeV linear accelerator with field emission cathode	JING, Chunguang
[1841] Ernest Courant traineeship in accelerator sciences	LITVINENKO, Vladimir
[503] A large momentum acceptance gantry for light-weight proton therapy facility: its beam lattice, magnets design and clinical advantages	LIAO, Yicheng
[831] Simple estimate, detailed computer simulation and measurement of the transverse kick in the SLAC accelerating structure	Dr HALAVANAU, Aliaksei

[1098] The Laser-hybrid Accelerator for Radiobiological Applications (LhARA): an update towards the conceptual design	SHIELDS, William	
[1451] The gamma activation measurements at Shanghai Laser Electron Gamma Source	YANG, Yuxuan	
[506] First implementation of KO extraction at COSY	NIEDERMAYER, Philipp	
[1526] Review of Known Extraction Kickers	NGUYEN, Bang	
[746] Power ramp up and minimization of beam losses at the facility for Rare Isotope Beams	PLASTUN, Alexander	
[2021] Commissioning of the IOTA proton injector	ROMANOV, Alexander	
[394] Towards Unlocking Insights from Logbooks Using AI	SULC, Antonin	
[864] Design of cyclotron-based in-vacuum material irradiation beamline at TINT	KITTIMANAPUN, Kritsada	
[1067] Improvements to 4-rod RFQs with additive manufacturing processes	STORCH, Julius-Stephan	
[910] Research on ultra-high energy electron beams for FLASH radiotherapy @ ELSA	PROFT, Dennis	
[1685] Recovery of Neptunium-236g from Photon and Proton-Irradiated Actinide Targets	HORKLEY, Jared	
[650] Mechanical design of a QWR cavity for the new ISIS MEBT	CAWLEY, Jonathan	
[994] Electronic brachytherapy replacement of iridium-192	FREEMIRE, Ben	
[1681] Investigation of pulsed slow extraction schemes at the MedAustron synchrotron	RENNER, Elisabeth	
[1786] Fabrication of 1.3 GHz Nb cavities at RadiaBeam	ARAUJO MARTINEZ, Aurora Cecilia	
[979] High fidelity numerical modelling and condition monitoring applied to septum magnets at CERN	KAWA, Krzysztof	
[779] Magnetic field study for air-cored HTS skeleton cyclotron	CHONG, Tsun Him	
[1555] Exploring varied slow extraction schemes in SIS100	ONDREKA, David	
[1312] Beam emittance growth caused by longitudinal mismatch in the CSNS linac	PENG, Jun	
[689] Update on automated RF-conditioning utilizing machine learning	KÜMPEL, Klaus	
[1950] Generation of bunched beam for SRF industrial cryomodules	KOSTIN, Roman	
[1233] Selected beam measurements at PIP-II injector test facility	SAINI, Arun	
[1491] Medical irradiation studies at IBPT accelerators	NASSE, Michael	
[1860] RF conditioning of an IH-DTL cavity made using additive manufacturing	Dr HÄHNEL, Hendrik	
[1054] Upgrade of the PSB to ISOLDE beam transfer line to facilitate an increase in proton driver energy	FRASER, Matthew	
[949] Preparation for the conditioning of the MYRRHA CH-Cavities and testing of a new coupling loop design	BRAUN, Peter	
[1079] Solid-state driven X-band linac for electron microscopy	DHAR, Ankur	
[1822] Reduction of radiotoxic lifetime of spent nuclear fuel to produce energy	JOHNSON, Rolland	
[1843] Uranium spallation target chemistry for subcritical reactors	JOHNSON, Rolland	
[762] A new approach to solving the problem of an extended helical undulator.	Dr GRIGORYAN, Armen	
[429] Towards mitigation of challenges in development of high power ISOL targets	GHOSH, Sundeep	

[id] title	presenter	board
[576] Electrical fire safety assessment of the synchrotron accelerator experimental station in NSRRC	WEN, Po-Jiun	
[1684] The design of a rocket based RF electron accelerator for space applications	Mr ROPER, Christopher	
[866] Construction and installation of a 320 kW solid state power amplifier for Taiwan Photo Source.	CHUNG, Fu-Tsai	
[427] Dimensional and thermal design of the electrostatic chopper for the new ISIS MEBT	Dr RODRIGUEZ, Iker	

Thursday Poster Session: THPS - Blues (16:00 - 18:00)

[id] title	presenter	board
[567] Pressure spike in the LBNF absorber core's gun drilled cooling channel from an accident beam pulse	DESHPANDE, Abhishek	
[863] Topology optimization of a dipole magnet using normalized gaussian network	LI, Jie	
[1164] Perspectives and recent achievements on additive manufacturing technologies for accelerators	Prof. TORIMS, Toms	
[1649] A new cryogenic permanent magnet undulator at BESSY-II: The CPMU-20	SCHÄFER, Stefan	
[1747] Strain measurements of the Apple X SABINA undulator with fiber Bragg grating	BALOSSINO, Ilaria	
[896] Real-time digital controller design based on SoC FPGA for general usage in J-PARC MR magnet power supplies	TAN, Yulian	
[913] Design of local control system for injection of fast pulse power supply for HEPS	LIU, Peng	
[2035] Qualification of components for installation in LHC kicker magnets	DIAZ ZUMEL, Miguel	
[874] Development and Testing of High Precision and Stability Power Supply for High Energy Photon Source	LI, Yang	
[1121] High-voltage nanosecond power supply simulation	XU, Chunyu	
[939] 3D integration methodologies of the accelerators at CERN	VALCHKOVA-GEORGIEVA, Fani	
[943] 3D integration of FCC-ee RF systems targets and challenges	VALCHKOVA-GEORGIEVA, Fani	
[639] Study and Simulation of Cryogenic Photonic-Band-Gap Disk-loaded Structure	SU, Dinghui	
[1437] Simulation study of nanosecond pulse power based on gyromagnetic nonlinear transmission line	ZHANG, Wenbin	
[1500] STAR High-Energy Linac status: complete installation acceptance tests.	PIERSANTI, Luca	
[520] LCLS II dc magnet power supplies – an overview*	HARAVE, Sudarshan	
[451] Numerical analysis on a modified air conditioning system of the experimental hall at TPS	CHAN, Wen Shuo	
[504] Cryogenic permanent magnet undulator at high beam currents	YANG, Chih-Sheng HUANG, Jui-Che	
[1282] Radiation dose simulations for Jefferson Lab's permanent magnet resiliency LDRD study	GAMAGE, Bamunuvita	
[393] Cold plate upgrade at the SNS	TAN, Yugang	

[1893] Development of a cryogen free MgB2 high temperature superconducting undulator	CHIMALPOPOCA, Osvaldo	
[1088] A 50 kV pulse generator for fast kickers	SMIRNOV, Alexander	
[830] Design and instrumentation for permanent magnet samples exposed to a radiation environment	BODENSTEIN, Ryan	
[1246] Design and fabrication of the automation system in TLS BL07A end station	LAI, Wei-Yang	
[542] Field Characterization of Axially and Radially Magnetized Neodymium Rings	XU, Tianzhe	
[377] Development of linear power operational amplifier for TPS correction magnet power supply	WANG, Bao-Sheng	
[1918] Impact of Delta undulator on SIRIUS beam dynamics	LIN, Liu	
[1433] Injectors de-cabling project	BORGLUND, Ayla	
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[1155] Measurement of ozone concentration at the BL-02A beamline hutch in the Taiwan photon source for ensuring personnel safety	WEN, Po-Jiun	
[1829] Design and characterization of adjustable-length pulse generator for beam kicker system	NGUYEN, Bang	
[915] Permanent magnet resiliency in CEBAF's radiation environment: LDRD grant status and plans	BODENSTEIN, Ryan	
[467] A study on the application of photoconductive switches for kicker excitation pulse power supply	SHANG, Feng-lei	
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[671] Modernizing of magnet power supplies at KARA and a transition to EPICS-based control system	MOCHIHASHI, Akira	
[1589] 3D printed beam correctors	DEL FRANCO, Mario	
[2017] SSRF superconducting wiggler coil voltage monitoring system and quench monitoring results	MENG, Tianya	
[1857] Channeling performance of bent crystals developed at CERN	RODIN, Volodymyr	
[1943] CXFEL labs	HOLL, Mark	
[932] Hardware Commissioning of the HL-LHC Inner Triplet String Facility at CERN: Individual System and Short Circuit Tests	YAMMINE, Samer	
[632] EMI measurement for SXFEL klystron-modulator system	LIU, Yongfang	
[1734] Thermal-fluid analysis and operation of a low power water-cooled tilted beam dump at Facility for Rare Isotope Beams	QUISPE-ABAD, Raul	
[1708] Thermal analysis of rotating single slice graphite target system for FRIB	PATIL, Mohit	
[798] Comparative study of decay heat calculations with FLUKA and MCNP	LEE, Yong Joong	
[799] Diffusion bonding of zircaloy-vanadium and vanadium-tungsten using vacuum hot pressing for the development of a low decay heat cladding solution for solid tungsten spallation targets	LEE, Yong Joong	
[800] Proton beam power limits for stationary water-cooled tungsten target with different cladding material options	LEE, Yong Joong	
[1397] PLAN analytics for enhanced understanding of RUN3 and LS3 activities	BORGLUND, Ayla	

[1605] Magnetic measurements for Halbach-type permanent quadrupoles using a single-stretched wire system	TRIGILIO, Antonio
[1855] A compact, ultrafast high-voltage pulser for transverse electromagnetic kickers	LE, Thi
[638] Investigation of onset field variations in diversely fabricated samples through field emission scanning microscopy	BRAUN, Frederic
[1442] A novel pulse compressor with dielectric assistance	FENG, Boyuan
[1554] Upgrade of the SPARC_LAB low level radiofrequency system	PIERSANTI, Luca
[470] Design study of a compact superconducting undulator based on laser-structured HTS tapes	GRAU, Andreas
[1225] Relationship between anisotropy and cross rolling process for high purity niobium sheets	UMEZAWA, Hiroaki
[2019] LANSCE electromagnetic chopper and beam dynamic simulation	BIEDRON, Sandra
[531] Support structures and their removal improve performance of additively manufactured RF cavities	MAYERHOFER, Michael
[1001] Mechanical design, structural requirements and optimization of the FCC e+e- interaction region components	FRANSESINI, Francesco
[1228] Statistical evaluation of mechanical properties of RRR300 niobium sheets for SRF cavities	UMEZAWA, Hiroaki
[440] An experimental study on plasma cleaning of room temperature copper cavity: design and analysis	XIA, Qianxu
[1853] Multi-physics and multi-objective design optimization of quadrupole resonators under geometric uncertainties	PUTEK, Piotr
[1325] Assembly process and inspection results for W100	LAI, Wei-Yang
[415] Enhanced harmonic stability in magnet resonant power supplies via multi-harmonic closed-loop control and current feedforward	LI, Ran
[1489] Implementation and experience with the pilot CMDS (Cryomodule and Distribution System) control system at TS2, in view of operating the ESS superconducting LINAC cryogenics	ELIAS, Nuno
[1288] Design and Installation of the Liquid Nitrogen Transfer Line for TPS 15A Beamline Endstation	TSAI, Huang-Hsiu
[1738] Precision current measurement and calibration system for the APS-U unipolar magnet power supplies	KEANE, Robert
[1226] Study on the strength of large grain sliced niobium discs	UMEZAWA, Hiroaki
[1086] Ultrafast high voltage kicker system hardware for ion clearing gaps	SMIRNOV, Alexander
[1392] Bead-pull measurement procedure for AREAL linear accelerator accelerating structure	Dr GRIGORYAN, Armen
[919] Development of high-current correction magnet power supply for TPS facilities	WANG, Bao-Sheng
[1244] Improving the uniformity of magnetron sputtering titanium film for nonlinear injection kicker	LAI, Wei-Yang