IBIC2024 - 13th International Beam Instrumentation Conference

Wednesday, 11 September 2024

WEP: Wednesday Poster Session: WEP - China Hall 3 (14:20 - 15:50)

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[275] Beam excitation methods for round beams at ALBA	IRISO, Ubaldo	
[177] Transverse feedback system commissioning for hybird operation mode in SSRF	ZHANG, Ning	
[247] Deep learning framework for fault detection in accelerators	PIEKARSKI, Michal	
[52] Two-dimensional reconstruction by the multi-strip ionization chamber at PREF	LIU, Tong	
[97] The project of Kirkpatrick – Baez focusing system for beam diagnostics on the SKIF	MESHKOV, Oleg	
[122] Application of the Nanogate-38 camera for beam diagnostics in the VEPP-2000 collider	TIMOSHENKO, Maksim	
[112] Optimized design of an emittancemeter for a C-band photocathode RF gun	CHEN, Weiwen	
[145] Troubleshooting the Ionization Profile Monitor (IPM) for CSNS's 1.6 GeV RCS	REHMAN, Muhammad Abdul	
[152] The project of optical diagnostics of the beam dimensions of the storage ring with ultra-low emittance SKIF	DOROKHOV, Victor	
[151] Fast wire scanner design for Shenzhen Superconducting Soft X-Ray FEL	LI, Peng	
[163] Design of beam collimator control system for HEPS	ZHAO, Shutao	
[56] Research on visualization and indexing of PV data based on the ELK stack	LI, Yukun	
[61] New graphical application for high-level synchrotron control with particular emphasis on the correction module	MLECZKO, Maciej	
[180] The design and ideas of non-destructive ionization profile monitors for HIAF synchrotrons and future applications	XIE, Hong	
[212] Beam profile monitor design at HEPS storage ring	Dr ZHU, Dechong	
[221] Design and performance test of 8 channel 125 MS/s digitizer with 16-bit resolution for BPM and LLRF application	Mr PAN, Qiutong	
[63] Orbit feedback system in SOLARIS synchrotron, final step implementation and first measurements	PANAS, Roman	
[181] Integrating InfluxDB and Grafana in a Dockerized CA EPICS Monitoring System	Mr QI, Ziyang	
[55] Preliminary design consideration for CEPC fast luminosity feedback system	LI, Meng	
[130] Directly driving GHz-range power amplifiers with RF systems-on-chip for the SLS 2.0 longitudinal multibunch feedback	BAETA NEVES DINIZ SANTOS, Pedro	
[203] New fast orbit feedback system using MicroTCA Based BPM electronics for the PF-ring	TAKAI, Ryota	

[167] Beam diagnostics control system upgrade of IPM LINAC	MOHAMMADI ALAMOUTI, Samira	
[123] High-speed ADC and high-speed DAC MicroTCA.4 AMC-RTM pair for a multiple of diagnostics and feedback implementations	JABLONSKI, Szymon	
[119] Application of open source hardware in the beam loss monitor system	ZHAO, Ying	
[215] Design of AMC board accroding to MicroTCA.4 for BPM and LLRF application	YANG, Haoyan	
[240] High-resolution quad-channel picoammeter: characterization and commissioning	CARDOSO, Fernando	
[257] Slow control system of CEE-TPC	LI, Min	
[254] Design of data transmission scheme based on RDMA	ZHANG, Yuqiao	
[166] Design and development of embedded EPICS system for beam measurement electronics	SU, Jianjun	
[117] High performance generic beam diagnostic signal processor for SHINE	HAN, Yuxin	
[262] Research on neutron instrument streaming data processing at CSNS	SHEN, Peixun	
[268] A generic distributed stream-processing framework for neutron spectrometer data process based on the asynchronous aggregation network	TENG, haiyun	
[157] Transverse emittance measurement using a wire scanner in injector of RAON	LIM, Eunhoon	
[171] New wire scanner at SXFEL	CHEN, Fangzhou	
[184] Experience with PSI's Main Ring Cyclotron Long Radial Probe	Dr SAPINSKI, Mariusz	
[238] Long-term performance of the extended pulsed optical timing system	ROSSI, Fabio	
[270] THz resonator based electron beam manipulation	LIU, Xiaoyu	
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[47] Bunch-by-bunch profile measurement during beam available time	WU, Ruizhe	
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[93] An online 2D spatial-resolved proton spectrometer based on a scintillation-fiber-cube	SONG, Tan	
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[121] Developments of wide dynamic-range halo monitor for 8 GeV proton beams at FNAL	HASHIMOTO, Yoshinori	
[276] Beam profile monitoring using incoherent Cherenkov Diffraction Radiation and scintillating screens at ILSF	MOHAMMADI ALAMOUTI, Samira	
[252] Design of an S-band parallel-coupled transverse deflecting cavity with variable polarization for multi-dimensional phase space diagnostics in photoinjectors	SHAO, Jiahang	
[16] Transverse feedback to damp collective beam instabilities, past, present and future	TOYAMA, Takeshi	

[108] The development of bunch-by-bunch transverse feedback system at SSRF based on RF direct sampling	PAN, Jialan	
[115] The upgrade of the target multiwire profile monitor for the CSNS-II project	YANG, Tao	
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[211] Application of reinforcement learning for efficient beam tuning in CiADS room temperature front-end prototype accelerator	DU, Yu	
[71] An X-ray pinhole camera for SESAME storage ring	AL-MOHAMMAD, Hussein	
[92] Design and test of an ionization profile monitor at the 80 MeV linac in CSNS	LIU, Mengyu	
[210] Profile measurement of beam for 230MeV proton therapy cyclotron using scanning wires	JIANG, Tianyi	
[279] Compact semiconductor sensor for monitoring of energy distribution in heavy ion beams	BAKERENKOV, Alexander	
[70] Data acquisition and processing platform design for SHINE wire scanners	Mr DONG, Jian	
[106] Superconducting solenoid optimization and fields measurement at ELBE	MA, Shuai	
[133] Bunch resolved transverse beam diagnostics at BESSY II	SHMIDT, Irma	
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[260] Design and inplementation of a high-precision time to digital converter based on ZYNQ 7000	HOU, Jiaxu	
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[176] Accurate beam spot fitting for transverse beam size measurement in the HALF injector	WANG, Dongyu	