## IBIC2024 Program September 9th-13th 2024

	IBIC2024 Program September 9th-13th,2024				V2024.8.31
Time	Monday, September 9th	Tuesday, September 10th	Wednesday, September 11th	Thursday, September 12th	Friday, September 13th
(UTC+8)		TUA: Overview and Commissioning Chair: Junhui Yue	WEA: Data Acquisition and Processing Platforms Chair: Yongbin Leng	THA: Longitudinal Diagnostics and Synchronization Chair: Hirokazu Maesaka	FRA: Transverse Profile and Emittance Monitors Chair: Kenichirou Satou
9:00 9:10 9:20 9:30		TUAIO: Jianshe Cao (IHEP) Welcome & Opening Remarks TUAI1: Yuhui Li (IHEP) Overview of Chinese Accelarator	WEAI1: Michael Buechler (DESY) FWK - An Open-source FPGA Framework by DESY for Large Scientific Projects WEAI2: Andreas Schlogelhofer (CERN)	THAT1: Sebastian Schulz (DESY) Latest Achievements in Femtosecond Synchronization of Large Scale Facilities	FRAT1: Mariusz Sapinski (PSI) Secondary, Thermionic and Delta Electrons Emission from Thin Targets
9:40 9:50 10:00 10:10		TUAC2: Stefano Mazzoni (CERN) Overview of the FCC-ee Beam Instrumentation R&D Conference Photo (10:10-10:20)	Remote Sensing of Fast Beam Signals Using Electro-optical Modulators WEAC3: Zhixue LI (IMP) Newly Developed Digital Signal Acquisition and Processing Platform for Beam Instruments at IMP	THAI2: Christelle Hanoun (PhLam-U.Lille) Cost-effective Time-stretch Terahertz Electro-optic Recorders, by Using 1550 nm Laser Probes	FRAC2: Hao Zhang (Cockcroft Institute) BGC monitor: First year of operation at the LHC Coffee Break(10:10-10:50)
10:20		TUP. Quanties and Commissioning (Transverse Drofile and	Coffee Break (10:20-10:50)	-	
10:30 10:40		TUB: Overview and Commissioning/Transverse Profile and Emittance Monitors Chair: Changbum Kim	WEB: Transverse Profile and Emittance Monitors Chair: Fernando Henrique Cardoso	THB: Machine Parameter Measurements Chair: Peter Forck	FRB: Beam Loss Monitors and Machine Protection/Beam Charge and Current Monitors Chair: Thibaut Lefevre
10:50 11:00 11:10		TUBI1 : Kota Ueshima (NIQST) Commissioning of the Beam Diagnostic System for NanoTerasu: A New 3 GeV Light Source in Japan	WEBI1 : Renjun Yang (IHEP) Achieve a Record Dynamic Range of Halo Diagnostics with a Novel Fluorescence Wire Scanner	THBI1: Sonja Jaster-Merz (DESY) High-dimensional and ultra-sensitive diagnostics for electron beams	FRBI1: Bruce Schumm (UCSC) Development of Ultra-fast Diamond-sensor Based Systems for Advanced Accelerator Diagnostics
11:20 11:30 11:40		TUBI2: Florian Benedetti (QST) Beam Instrumentation Performance during Commissioning of LIPAc	WEBI2: Ji-kwang Hwang (GWNU) Design and Experimental Validation of High-Resolution Single-Shot Emittance Diagnostics for Heavy-Ion Beams	THBI2: Shanshan Cao (SARI) Nondestructive Beam Energy Measurement Using RF Cavity Beam Arrival Time Monitor	FRBC2: Montague King (CERN) A Systematic Investigation of Beam Losses and Position Reconstruction Techniques Measured with a Novel OBLM at CLEAR FRBC3: Sara Benitez Berrocal (CERN)
11:50 12:00		TUBC3: Jun Peng (IHEP) Beam Diagnostics for CSNS-II Linac Commission and Operation	WEBC3 : Narender Kumar (Cockroft Institute) First Proof-of-concept Transverse Beam Profile Measurements with Gas Jet in-vivo Dose Profiler for Medical Accelerators	THBC3: Arnold Kruschinsk (HZB) Laser Modulator for SSMB Used as a Diagnostic Tool	SPS Fast Spill Monitor Developments FRCL1: Carsten Welsch (UOL) IBIC2025 Report
12:10		TUBC4: Wan Zhang (IHEP)	WEBC4: Yu Du (IMP) Evaluating the Use of Common Statistical Divergences to Quantify the	THBC4: Yuwen An (IHEP)	FRCL2: Junhui Yue (IHEP) Concluding Remarks and Closing
12:20		Beam Size Measurement With Gratings at BEPCII	Differences between Beam Distributions in High-dimensional Phase Space	Observation and Study of Space Charge Effect Frequency Shifts in High-intensity Accelerators	Simple Lunch Box (12:20-13:00)
12:30 13:00		TUC: Beam Position Monitor	Lunch Break (12:30-13:30) WEC: Feedback Systems and Beam Stability	THC: Longitudinal Diagnostics and Synchronization	
13:30 13:40 13:50 14:00 14:10	Registration Opens 13:30	Chair: Carsten Welsch TUC11: Xing Yang (USTC) Bunch-resolved 3D beam position measurement system and its application in FELiChEM TUCC2: Victor Verzilov (TRIUMF) Low frequency beam position monitoring at the TRIUMF cyclotron	Chair: Nicolas Hubert WEC11: Takeshi Nakamura (KEK) Bunch by Bunch Feedback Systems Review WECC2: Lucas Pelike (LNLS) Modeling of the SIRIUS Fast Orbit Feedback Control Loop	Chair: Marco Veronese THCI1: Marco Marongiu (HZB) Approaching an optimum time resolution for synchroscan streak- camera measurements with visible synchrotron light THCC2: Yong Zhang (IMP) Direct Measurement of the Longitudinal Emittance for a Proton Beam	Tour to BEPCII or HEPS, Start from 13:00 at the Wanda Realm
14:20 14:30		injection line TUCC3: Donghyun Song (PAL) Photon Beam Position Monitor for PLS-II Beamline	Coffee Break (14:20-14:50) & WEP: Wednesday Poster Session (14:20-15:50)	at Exit of a Radio Frequency Quadrupole THCC3: Gian Luca Orlandi (PSI) Absolute Characterization of sub-fs Electron Bunch-Length in SwissFEL using a Bunch-Compressor Monitor	
14:40 14:50 15:00 15:10		Coffee Break (14:40-15:10) TUD: Beam Position Monitor Chair: Junxia Wu		Coffee Break (14:40-15:10) THD: Longitudinal Diagnostics and Synchronization Chair: Gero Kube THDI1: Feng Qiu (IMP)	
15:20 15:30 15:40		TUDI1: Hongming Xie (IMP) Overview of the BPM System for HIAF & CiADS Projects TUDC2: Collette Pakuza (JAI)		On-line Beam Synchronous Phase Calibration Using Beam-Induced RF Signals THDC2: Donghyun Kwak (IBS)	
15:50		The Study of High-frequency Pick-ups for Electron Beam Position Measurements in the AWAKE Common-beamline		Capacitive Pick-Up Type Bunch Shape Monitors for Low-Energy Ion Beams at RAON	
16:00 16:10 16:20 16:30			Shuttle Bus to East Gate of Summer Palace (16:00-16:30) Visiting Summer Palace (16:30-19:00)	THP: Thursday Poster Session (16:00-17:30)	
16:40 16:50 17:00 17:10 17:20		TUP: Tuesday Poster Session (16:00-17:30)			
17:30 18:00				Transportation to Conference Banquet (18:00-18:30)	
18:30	Welcome Reception				
19:00 19:30 20:00 21:00	17:30-21:00 Wanda Realm	SPC Meeting	Shuttle bus to Wanda Realm from West Gate of Summer Palace (19:00-19:40)	Conference Banquet: Grand Mansion Restaurant (18:30-21:00)	