

IBIC 2020 - Virtual Conference Program

For more information, please visit <https://indico.jacow.org/e/ibic2020>



start time (UTC)	Monday, 14 Sep	Tuesday, 15 Sep	Wednesday, 16 Sep	Thursday, 17 Sep	Friday, 18 Sep	start time (UTC)			
12:00		Opening Social Hour (@iSee) 12:00 - 13:00 (UTC)	Opening Social Hour (@iSee) 12:00 - 13:00 (UTC)	Opening Social Hour (@iSee) 12:00 - 13:00 (UTC)	Opening Social Hour (@iSee) 12:00 - 13:00 (UTC)	12:00			
...	MOAO: Overview and Commissioning (@ZOOM) Moderators: Steven Lidia (FRIB), Adriana Wawrzyniak (Solaris)	TUAO: Beam Charge, Beam Loss, Machine Protection and Feedback Systems (@ZOOM) Moderators: David Gassner (BNL), Kay Wittenburg (DESY)	WEAO: Longitudinal Diagnostics and Synchronization (@ZOOM) Moderators: Mario Ferianis (Elettra), Volker Schlott (PSI)	THAO: Transverse Profile, Emittance Monitors and Machine Learning (@ZOOM) Moderators: Andreas Jansson (ESS), Changbum Kim (PAL)	FRAO: Beam Position Monitors and Data Acquisition (@ZOOM) Moderators: Nicolas Hubert (SOLEIL), Rhodri Jones (CERN)	...			
13:00	Welcome (@ZOOM)	Precise Bunch Charge Measurement Using BPM Pickup Jian Chen (SSRF/SARI)	Novel Trends in Bunch Length Diagnostics Based on Coherent Polarization Radiation Alessandro Curcio (Solaris)	Machine Learning-based Beam Size Stabilization Simon C. Leemann (LBNL)	Developing Electronics for Radiation Environments Salvatore Danzeca (CERN)	13:00			
13:10						13:10			
13:20	Initial Experiences With Beam Diagnostics During Sirius Commissioning Henrique de O. Caiafa Duarte (LNLS/Sirius)	Investigation of Novel Radiation Hard and Fast Scintillator for Heavy Ions Detection - Maxim Saifulin (GSI)	Terahertz Detection Techniques Overview Francesco Mazzocchi (KIT)	Using Machine Learning Tools to Predict Accelerator Failure Miha Reščič (University of Huddersfield)	Direct Digitization and ADC Parameter Trade-off for Bunch-by-Bunch Signal Processing Irene Degl'Innocenti (University of Pisa / CERN)	13:20			
13:30		Diagnostics for Collimator Irradiation Studies in the Advanced Photon Source Storage Ring Jeffrey Dooling (ANL/APS)				13:30			
13:40	Beam Instrumentation Performances Through the ESRF-EBS Commissioning Laura Torino (ALBA - formerly at ESRF)	The Ionization Chamber Monitor for Electron Beam at Ultra High Dose Rate - Chloe Lahaye (IN2P3/LPC Caen)	Optimization of Lasers in Electron Accelerator Applications Sharon Vetter (SLAC)	Beam Coupling Impedance Analyze Using Bunch-by-Bunch Measurement - Xingyi Xu (SSRF/SARI)	High Performance Data Acquisition for a Modern Accelerator - Guobao Shen (ANL/APS)	13:40			
13:50						13:50			
14:00	Beam Diagnostics in the Advanced Plasma Wakefield Experiment AWAKE Anna-Maria Bachmann (MPI Munich / CERN)	System Identification and Stability Considerations for Closed Orbit Feedback at SIS-18 - Rahul Singh (GSI)	Non-invasive Longitudinal Profile Measurements of Electron Bunches Simultaneously to FEL Operation at MHz Rates Nils Lockmann (DESY)	Source Size and Emittance Measurements for Low-Emittance Light Sources Nazanin Samadi (CLS) and Xianbo Shi (ANL/APS)	BPM Electronics with Self-Calibration at the ALS Gregory Portmann (LBNL)	14:00			
14:10		Break and Social Interaction (@ZOOM)	Break and Social Interaction (@ZOOM)	Advanced Laser-Driven Plasma Accelerator Electron-Beam Diagnostics with COTR Techniques Alex Lumpkin (FNAL/Fermilab)	Break and Social Interaction (@ZOOM)	14:10			
14:20	Break and Social Interaction (@ZOOM)	TUPP: Tuesday Poster Session (@ZOOM) 14:20 - 16:30 (UTC)	WEPP: Wednesday Poster Session (@ZOOM) 14:20 - 16:30 (UTC)	Features of the Metal Microstrip Detectors for Beam Profile Monitoring - Dmytro Ramazanov (NASU/INR)	Commissioning of the Beam Energy Position Monitor System for the Superconducting RIKEN Heavy-ion Linac Tamaki Watanabe (RIKEN)	14:20			
14:30	Commissioning of the CSNS Beam Instrumentation System Jilei Sun (CSNS)					Break and Social Interaction (@ZOOM)	14:30		
14:40	Beam Instrumentation System for Shanghai Soft X-ray FEL Test Facility - Longwei Lai (SSRF/SARI)					THPP: Thursday Poster Session (@ZOOM) 14:40 - 16:30 (UTC)	Industrial Exhibition (@Virtual Booths) 14:40 - 16:30 (UTC)	HEPS Storage Ring BPM Development Shu-Jun Wei (IHEP/HEPS)	14:40
14:50	Group Print Screen (@ZOOM)							IBIC 2020 Summary (@ZOOM)	14:50
15:00								IBIC 2021 Presentation (@ZOOM)	15:00
15:10	Q&A Virtual Conference (@ZOOM) 15:10 - 16:30 (UTC)	Industrial Exhibition (@Virtual Booths) 15:10 - 16:30 (UTC)	Industrial Exhibition (@Virtual Booths) 14:20 - 16:30 (UTC)	Industrial Exhibition (@Virtual Booths) 14:40 - 16:30 (UTC)	Closing Remarks (@ZOOM)	15:10			
...	Guidance for Poster Presentation Clarification of Doubts Feedback from Participants Moderators: Willem Blokland (ORNL) Lorraine Bobb (DLS) Gustavo Bruno (LNLS/Sirius) Daniel Tavares (LNLS/Sirius)					15:20			
16:30	Beam Instrumentation Community Get-together (@iSee)	End Social Hour (@iSee) 16:30 - 17:30 (UTC)	End Social Hour (@iSee) 16:30 - 17:30 (UTC)	End Social Hour (@iSee) 16:30 - 17:30 (UTC)	Tracks: <ul style="list-style-type: none"> Overview and Commissioning Beam Charge and Current Monitors Beam Loss Monitors and Machine Protection Feedback Systems and Beam Stability Longitudinal Diagnostics and Synchronization Machine Parameter Measurements Transverse Profile and Emittance Monitors Data Acquisition and Digital Architectures Beam Position Monitors 	...			
17:30						17:30			
18:00						18:00			

- NOTES:**
- 1) The live panels will consist of focused discussions referring to **pre-recorded talks**. The recordings will be made available on the virtual platform by **September 10th, 2020**.
 - 2) Each invited talks will have a 10 min recap + 10 min Q&A session. Contributed orals will have a 5 min recap + 5 min Q&A session.