

	Sunday, 8 Sep	Monday, 9 Sep	Tuesday, 10 Sep	Wednesday, 11 Sep	Thursday, 12 Sep
start time		MOAL: Welcome and Overview I Chair: Tom SHEA (ESS)	TUAL: Beam Loss Monitors and Machine Protection Chair: Dave GASSNER (BNL)	WEAL: Beam Position Monitors Chair: YongBin LENG (SSRF)	THAL: Novel Techniques and Technologies Chair: Lorraine BOBB (Diamond)
09:00		Welcome/Opening Remarks	Beam Diagnostics for Studying Beam Losses in the LHC Belen SALVACHUA FERRANDO (CERN)	Technological Review of BPM-Buttons-UHV-Feedthroughs Alun MORGAN (Diamond)	Cherenkov Diffraction Radiation as a Tool for Beam Diagnostics Thibaut LEFEVRE (CERN)
09:10		Science @ ESS & MAX IV Ken ANDERSEN (ESS)			
09:20			Beam-Loss Detection for LCLS-II Alan FISHER (SLAC)	Pile-Up Effect of Cold Button BPMs in the European XFEL Accelerator Dirk LIPKA (DESY)	Towards Full Silicon Carbide Based X-ray Beam Monitoring Maria del Mar CARULLA ARESTE (PSI)
09:30		Beam Instrumentation & Diagnostics for High Luminosity LHC Michal KRUPA (CERN)	Beam Loss Measurements Using the Cherenkov Effect in Optical Fiber for the BINP e-e+ Injection Complex Yuliya MALTSEVA (BINP SB RAS)	Development of a Beam Position Monitor using Cherenkov Diffraction Radiation Ken-ichi NANBU (Tohoku Uni.)	Rose - a Rotating 4d Emittance Scanner Michael MAIER (GSI)
09:40					
09:50					
10:00		Overview of the Diagnostics for EBS-ESRF Laura TORINO (ESRF)	Commissioning of the ARIEL E-Linac Beam Loss Monitor System Martin ALCORTA (TRIUMF)	Beam Measurements at the CERN SPS using Interferometric Electro-Optic Pickups Alberto ARTECHE (RH/CERN)	Transverse Emittance Measurement using Undulator High Harmonics for Diffraction Limited Storage Rings Kent Peter WOOTTON (ANL)
10:10					
10:20					
10:30		Coffee Break			
		MOBL: Overview II, Faraday Cup Award Chair: Rhodri JONES (CERN)	TUBL: Transverse Profile and Emittance Monitors Chair: Toshiyuki MITSUHASHI (KEK)	WEBL: Data Acquisition and Digital Architecture Chair: Willem BLOKLAND (ORNL)	THBL: Closing Chair: Andreas JANSSON (ESS)
11:00		Overview of the Beam Instrumentation and Commissioning Results from the BNL Low Energy RHIC Electron Cooling Facility Toby MILLER (BNL)	Seminar: Screen Materials for High-Precision Measurements Beata WALASEK- HÖHNE (GSI)	Seminar: Generic Hardware, Firmware and Embedded Software Platforms for Particle Accelerators Boris KEIL (PSI)	Machine Learning-based Virtual Diagnostic for Longitudinal Phase Space Prediction Claudio EMMA (SLAC)
11:10					
11:20		Beam Instrumentation at IOTA Nathan EDDY (Fermilab)	FERMI-PSI Collaboration on Nano-Fabricated Wire Scanners with Sub-µm Resolution: Developments and Measurements Gian Luca ORLANDI (PSI)	Sirius MicroTCA.4 BPM Electronics and Orbit Feedback Daniel de OLIVEIRA TAVARES (LNLS)	Diagnostic Requirements for DLSRs (Diffraction Limited Synchrotron Radiation Sources) Shiro TAKANO (SPRING-8)
11:30					
11:40		Overview of LIPAc Beam Instrumentation for the Initial Accelerator Commissioning David JIMENEZ-REY (CIEMAT)	Challenges in Continuous Beam Profile Monitoring for MW-Power Proton Beams Megan FRIEND (KEK)	Development of MTCA.4-based BPM Electronics for the SPRING-8 Upgrade Hirokazu MAESAKA (SPRING-8)	IBIC18 Summary YongBin LENG (SSRF)
11:50		Faraday Cup Award Presentation To be Announced	Measuring the Beam Profile by Counting Ionization Electrons Hampus SANDBERG (CERN/UMAN)	Enhancement of the S-Dalnac Control System with Machine Learning Methods Jan HANTEN (TU Darmstadt)	IBIC20 Presentation - Sergio MARQUES (LNLS)
12:00					IBIC22 Venue Presentation - To be Announced
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12:20					
12:30					
12:40					
12:50		Group Photo			
13:00		Lunch Break			
		MOCL: Current Measurement, Overview III Chair: Sergei GAVRILOV (INR)	TUCL: Longitudinal Diagnostics and Synchronization Chair: Pat KREJCIK (SLAC)	WECL: Feedback, Machine Characterization Chair: Peter FORCK (GSI)	Site Visits: ESS/MAX IV Transportation will be arrange between Malmö & Lund
14:30		Toschek Lifetime Study Based on Accurate Bunch-by-Bunch Beam Charge Measurement Bo GAO (SSRF)	Terahertz-based Subfemtosecond Metrology of Relativistic Electron Beams Renkai LI (Tsinghua)	Characterization of Closed Orbit Feedback Systems Guenther REHM (Diamond)	
14:40		Development of a Passive Cavity Beam Intensity Monitor for Pulsed Proton Beams for Medical Applications Paolo NENZI (ENEA C.R. Frascati)	Experimental Observation of Submillimeter Coherent Cherenkov Radiation at the CLARA Facility Kirill FEDOROV (JAI)	Estimate of the Beta Function and Phase from Close-Orbit Samples Generated by a Slow Orbit Feedback at the Electron Storage Ring at DELTA Stephan KÖTTER (DELTA)	
14:50		Estimation of Longitudinal Profiles of Ion Bunches in the LHC Using Schottky-based Diagnostics Diogo ALVES (CERN)	Upgraded Bunch Arrival-Time Monitors for the European XFEL Reaching Below 3 fs Time Resolution Marie Kristin CZWALINNA (DESY)	Tune Computation via Model Fitting to Swept Machine Response Measurement Michael ABBOTT (DLS)	
15:00		Overview of Bunch-Resolved Diagnostics for the Future BESSY VSR Electron-Storage Ring Gregor SCHIWIETZ (HZB)	Longitudinal Phase Space Reconstruction for the Heavy Ion Accelerator HELIAC Simon LAUBER (HIM)	Commissioning of the Non-invasive Profile Monitors for the ESS LEBT Cyrille THOMAS (ESS)	
15:10					
15:20					
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		Break			
16:00	Registration Ground floor (01Niv)	Poster Session - MOPG	Poster Session - TUPG	Poster Session WEPG	
16:30					
17:00					
17:30					
18:00	RECEPTION Common Area (02Niv)				
18:30					
19:00					
19:30					
20:00					
21:00					
22:00					
23:00				CONFERENCE DINNER Restaurang Glasklart, Malmö	



Take a 15 minute nice walk towards dinner restaurant