

IPAC'24 Synoptic Table

Time Start	Time End	Sunday 19 May	Monday 20 May	Tuesday 21 May	Wednesday 22 May	Thursday 23 May	Friday 24 May	Saturday 25 May				
9:00	9:10		Chair: Fulvia Pilat (ORNL)	Chair: Giuliano Franchetti (GSI)	Chair: Tor Raubenheimer (SLAC)	Chair: Rohan Dowd (ANSTO)	Chair: John Byrd (ANL)	Chair: Fernando Sannibale (BNL)	Chair: Jared Maxson (Cornell)	Chair: Patrick O'Shea (UMD)	Chair: Yoichi Sato (KEK)	
9:10	9:20		Welcome (MOWB)	FRIB One Year User Operation (TUXD1) Andreas Stolz (FRIB)	Metamaterials for Impedance Optimisation and Sustainability (TUXN1) Carlo Zannini (CERN)	Review of Advanced Schemes for Free Electron Lasers (WEXD1) Zhiron Huang (SLAC)	SC Magnets Technology for Heavy Ion Gantry for Hadron Therapy (WEXN1) Marco Prioli (INFN)	Machine Learning for Improved Accelerator and Target Reliability (THXD1) Willem Blokland (ORNL)	High Gradient RF Photoinjector at LANL (THXN1) Anna Alexander (LANL)	Nb3Sn SRF Cavities: from R&D to Real Accelerator (FRXD1) Uttar Pudasaini (JLab)	Beam Instrumentation for Advancing Accelerators (FRXN1) Lorraine Bobb (Diamond)	
9:20	9:30											
9:30	9:40		Highest Beam Power Beams at the SNS (MOXB1) Sarah Cousineau (ORNL)	LAMP: the LANSCE modernization project John Tapia (LANL)	J-PARC RCS small loss and emittance for MLF and MR Pranab Saha (JAEA)	Two-color FEL Pulse Generation at PAL-XFEL Chi Hyun Shim (PAL)	Dual Isotopes for Simult. Therapy and Radiography Michael Galonska (GSI)	3-D Spiral Injection in J-PARC Muon g-2/EDM Shinji Ogawa (Kyushu)	High Power Test of Brazen Free C-band Photo-Gun David Alesini (INFN)	Carbon Ion Treatment Accelerator with a SC Rotating Gantry (FRXD2) Hikaru Souda (GU)	20 Years Since the First LPA Dream Beams and a Look Forward (FRXN2) Wim Leemans (DESY)	
9:40	9:50			Correcting asymmetry of closed-orbit distortion Yuichi Morita (KEK)	Transport in the FODO line of SNS Beam Test Facility Trent Thompson (ORNL)	Orbit. Angular Momentum Beams with FELO Peifan Liu (ANL)	Spin-transparent Storage Rings for Science Riad Suleiman (JLab)	Proton and Lead Beams in LHC Gas Curtain Monitor Oliver Stringer (Cockcroft)	Profile Meas. of Ultra-Slow Muons for Microscope Yuga Nakazawa (RIKEN)			
9:50	10:00		Accelerator-Based Isotope Production (MOXB2) Oliver Kester (TRIUMF)	Simulation and study of nUORM experiment Rohan Kamath (Imperial)	Limitations from LHC RF fingers Patrick Krkotic (CERN)	Echo-Enabled Harmonic Generation at FERMI FEL-1 Carlo Spezzani (SLAC)	Latest Progress on ACE3P Modeling Capabilities Liling Xiao (SLAC)	Spatio-temporal stripper foil temp. at 1.7 MW SNS Abdurahim Oguz (ORNL)	Num. sim. of integr. X-band high-Field Photoinjector Emily Frame (NIU)	SC Cavities as Ultra-Sensitive RF Photon Detectors (FRXD3) Bianca Giacccone (FNAL)	Crystal Collimation of Heavy Ion Beams (FRXN3) Stefano Redaelli (CERN)	
10:00	10:10											
10:10	10:20											
10:20	10:30											
10:30	11:00		Coffee Break									
11:00	11:10		Chair: Kathy Harkay (ANL)	Chair: Michiko Minty (BNL)	Chair: Evgeniya Simakov (LANL)	Chair: Yoshi Yamazaki (FRIB)	Chair: Alexander Aleksandrov (ORNL)	Chair: Seunghwan Shin (Korea Univ.)	Chair: Jui-Che Huang (NSRRC)	Chair: Wolfram Fischer (BNL)		
11:10	11:20		Sustainable Accelerator Concepts and Technologies (MOYB1) Thomas Roser (BNL)	Monochromatization a New Operation Mode for e+e- Circular Colliders (TUYD1) Pantaleo Raimondi (ESRF)	The Latest Results on Plasma Wakefield Experiments on FACET II (TUYN1) Chan Joshi (UCLA)	Status and Outlook on Slow Extraction Operation at J-PARC Main Ring (WEYD1) Ryotaro Muto (KEK)	Prospects of Transverse Deflecting RF Structures as Diagnostic Tools for Linacs (WEYN1) Paolo Craievich (PSI)	Coherent Electron Cooling Physics for the EIC (THYD1) William Bergan (BNL)	First Results of AUP Nb3Sn Quadrupole Horizontal Tests (THYN1) Maria Baldini (FNAL)	High-Efficiency Klystrons from a Dream to Reality (FRYD1) Igor Syratcev (CERN)		
11:20	11:30											
11:30	11:40		Novel Undulators: the Long and Winding Road to Brightness (MOYB2) Sara Casalbuoni (XFEL)	RHIC to EIC Hadron Ring - Engineering Challenges Frederic Micolon (BNL)	Results of a Multicell Dielectric Disk Structure Sarah Weatherly (IIT)	Beam Commissioning Results of RAON Linac Ji-Ho Jang (IBS)	6D Tracking of a Single Electron in the IOTA Alex Romanov (FNAL)	Larger DA and Lifetime at Cost of Emittance 4GLS Tessa Charles (ANSTO)	Progress in Magnet Designs for a Muon Collider Sara Fabbri (CERN)	Recent Development and Future Direction of Ring-Type Synchrotron Light Sources in Japan (FRYD2) Nobuyuki Nishimori (NIQST)		
11:40	11:50			Beam Performance in the 2023 LHC Pb-Pb Run Natalia Triantafyllou (CERN)	Next-Generation Laser-Plasma Acceleration Matthias Fuchs (KIT)	Commissioning of Extended EIBIS for RHIC Benjamin Coe (BNL)	HOM Detection as Beam Offset Monitor for LCLS-II Nicole Neveu (BNL)	Bunch Lengthening by Harm. Cav. in Low-e Rings Gabriele Bassi (BNL)	Deployment of the first Nb3Sn-based SCU at APS Ibrahim Kesgin (ANL)	US High-Energy Physics Collider Proposals for the Future (FRYD3) Vladimir Shiltsev (NIU)		
11:50	12:00		Photocathodes: A Fundamental Tool for Enabling New Accelerator-Based Science (MOYB3) Matt Poelker (JLab)	Sudden Beam Loss in SKEKB with RFSoC Technology Riku Nomaru (Uni Tokyo)	Staging of LPA for Collider Applications Davide Terzani (LBNL)	Technologies for Next Gen. of Heavy Ion Synchrotrons Peter Spiller (FAIR)	FCC-ee Availability: Targets, Shortfalls, etc John Heron (CERN)	Demonstration of Arbitrary Correlation Generation Gwanghui Ha (NIU)	Lifetime of NEG thin films over repeated activation Eleni Marshall (STFC)			
12:00	12:10											
12:10	12:20											
12:20	12:30											
12:30	13:00		Closing (FRFD)									
13:00	13:30		Lunch Break									
13:30	14:00		Lunch Break									
14:00	14:10		Chair: Tadashi Koseki (KEK)	Chair: Alessandro Fabris (Elettra)	Chair: John Moss (ORNL)	Chair: Liu Lin (LNLS)	Chair: Angeles Faus-Golfe (UCLab)	Chair: Sergey Belomestnykh (FNAL)	Chair: Sarah Cousineau (ORNL)			
14:10	14:20		New Advances in Optical Stochastic Cooling (MOZD1) Jonathan Jarvis (FNAL)	Next 10 Years of Light Sources (MOZN1) Timur Shaftan (BNL)	Global Overview of Fusion Energy (TUUD1) Jon Menard (PPPL)	Shanghai Hard X-ray FEL Facility (SHINE) Progress (TUZN1) Zhentang Zhao (SSRF)	Status of SuperKEK-B and Experience with Nonlinear Collimation (WEZD1) Makoto Tobiya (KEK)	Towards a Green Accelerator: Energy Saving Practices at NSRRC (WEZN1) Wen Shuo Chan (NSRRC)	Louis Costrell Award Session (THZD) IPAC'24 Student Poster Prize IEEE NPSS PAST awards (2) IEEE NPSS PAST Thesis award APS DPB Thesis Awards (2) Wilson Prize USPAS Prize			
14:20	14:30				Accelerator Driven Fusion (TUUD2) Artem Smirnov (TAE)	Status and First Results of the APS-U (TUZN2) Elmie Peoples-Evans (ANL)	The Electron Cloud and its Impact on the LHC and Future Colliders (WEZD2) Lotta Mether (CERN)	The Path to High Beam Power Targets (WEZD2) Drew Winder (ORNL)				
14:30	14:40		A Novel Vlasov Approach for Modeling Electron Cloud Instabilities (MOZD2) Sofia Johannesson (EPFL)	Short X-ray Pulses at Diffraction-Limited Light Sources (MOZN2) Simone Di Mitri (Elettra)								
14:40	14:50				Technology Transfer Case Study (TUUD3) Vitaly Pavlenko (LANL)							
14:50	15:00		Chair: Peter McIntosh (STFC)	Chair: Adriana Rossi (CERN)		Chair: Simone De Mitri (Elettra)	Chair: Carsten Welsch (Univ. Liverpool)	Chair: Kiyomi Seiya (KEK)				
15:00	15:10		X-band High Gradient Structure for WIGAS Qiang Gao (Tsinghua)	Long-b-by-b Feedback with Passive Harmonic Cavity Micha Dehler (PSI)	Industrial Light Sources for Semicond. Manuf. (TUUD1) Bruce Dunham (xLight)	Beam Halo at ESRF EBS with Reduced Undul. Gap Nicola Carmignani (ESRF)	FCC-ee Installation: Challenges & Proposals Sarah Fleury (CERN)	Muon Production Target at J-PARC Shunsuke Makimura (KEK)				
15:10	15:20				Asia Regional Accel. Projects (TUVD2) Zong-Kai Liu (NSRRC)	Machine Learning for Orbit Steering in Synchrotrons Simona Bettoni (PSI)	Mitigation of Coh. Beam-Beam Instab. at CEPC Yuan Zhang (CAS)	Novel Materials for Next-Generation Targets Kavin Armmigan (FNAL)				
15:20	15:30		Multi-mode Cavity Design and Characterization Benjamin Sims (MSU)	Direct RF Sampling Based LRF for C-band Linac Chao Liu (SLAC)								
15:30	15:40				Europe Regional Accel. Projects (TUVD3) Edda Gschwendtner (CERN)	Results from CXL5 Commissioning William Graves (ASU)	The US Effort Towards Making a Muon Collider Diktys Stratakis (FNAL)	Cryomodules for the ESS 2 MW Capability Nuno Elias (ESS)				
15:40	15:50		LCLS-II-HE Cavity Acceptance Testing James Maniscalco (SLAC)	Results of Improved multi-D Bunch Shape Monitor ACA Martinez (RadiaBeam)								
15:50	16:00				Americas Regional Accel. Projects (TUVD4) Luisella Lari (BNL)							
16:00	16:30		Poster Sessions									
16:30	17:00		Poster Sessions									
17:00	17:30		Poster Sessions									
17:30	18:00		Poster Sessions									
18:00	18:30											
18:30	19:00		Chair's Dinner (by invitation only)	EIC Collaboration Workshop (All are welcome)			WISE and PRAB Editor's Reception (All are welcome)		Banquet (Included with registration)			
19:00	19:30		>Welcome Reception (Included with registration)									
19:30	20:00											
20:00	20:30											
20:30	21:00											
21:00	21:30											
21:30	22:00											

Lab Tour ORNL (7:00-18:00)

- MC1 - Colliders and other Particle and Nuclear Physics Accelerators
 - MC2 - Photon Sources and Electron Accelerators
 - MC3 - Novel Particle Sources and Acceleration Techniques
 - MC4 - Hadron Accelerators
 - MC5 - Beam Dynamics and Electromagnetic Fields
 - MC6 - Beam Instrumentation, Controls, Feedback and Operational Aspects
 - MC7 - Accelerator Technology and Sustainability
 - MC8 - Applications of Accelerators, Technology Transfer and Industrial Relations and Outreach
 - MC9 - Engagement with Industry, Knowledge Exchange and Industrial Relations
- Opening, Closing, Special Presentations
- Plenaries
- Prizes