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
			Chair: Fulvia Pilat (ORNL)	Chair: Giuliano Franchetti (GSI)	Chair: Tor Raubenheimer (SLAC)	Chair: Sara Casalbuoni (EuXFEL)	Chair: John Byrd (ANL)	Chair: Fernando Sannibale (LBNL)	Chair: Jared Maxson (Cornell)	Chair: Patrick O'Shea (UMD)	Chair: Yoichi Sato (KEK)	Lab Tour ORNL
9:00	9:10		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 Accels. (FRXN1)** Lorraine Bobb (Diamond)	
9:10	9:20											
9:20	9:30											
9:30	9:40		**Highest Power Hadron 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 Brazed 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											
9:50	10:00			**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)			
10:00	10:10		**Accelerator-Based Isotope Production (MOXB2)** Oliver Kester (TRIUMF)							**SC Cavities as Ultra-Sensitive RF Photon Detectors (FRXD3)** Bianca Giaccone (FNAL)	**Crystal Collimation of Heavy Ion Beams (FRXN3)** Stefano Redaelli (CERN)	
10:10	10:20			**Simulation and study of nuSTORM experiment** Rohan Kamath (Imperial)	**Understanding LHC Warm Vacuum Module Heating** Patrick Krkotic (CERN)	**Echo-Enabled Harmonic Generation at FERMI FEL-1** Carlo Spezzani (Elettra)	**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)			
10:20	10:30											
10:30	11:00	Student networking session	Coffee Break									
			Chair: Kathy Harkay (ANL)	Chair: Michiko Minty (BNL)	Chair: Evgenya Simakov (LANL)	Chair: Yoshi Yamazaki (FRIB)	Chair: Alexander Aleksandrov (ORNL)	Chair: Ralph Assmann (GSI)	Chair: Jui-Che Huang (NSRRC)	Chair: Wolfram Fischer (BNL)		
11:00	11:10		**Sustainable Accelerator Concepts and Technologies (MOYB1)** Thomas Roser (BNL)	**Monochromatization a New Operation Mode for e+e- Circular Colliders (TUYD1)** Angeles Faus-Golfe (IJCLab)	**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)** Nuria Catalan-Lasheras (CERN)		
11:10	11:20											
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 8GLS** Tessa Charles (ANSTO)	**Progress in Magnet Designs for a Muon Collider** Siara Fabbri (CERN)	**Recent Development and Future Direction of Ring-Type Synchrotron Light Sources in Japan (FRYD2)** Nobuyuki Nishimori (NIQST)		
11:40	11:50											
11:50	12:00			**Beam Performance in the 2023 LHC Pb-Pb Run** Natalia Triantafyllou (CERN)	**Next-Generation Laser-Plasma Acceleration** Matthias Fuchs (KIT)	**Commisioning of Extended EIBIS for RHIC** Benjamin Coe (BNL)	**HOM Detection as Beam Offset Monitor for LCLS-II** Nicole Neveu (SLAC)	**Bunch Lengthening by Harm. Cav. in Low-e Rings** Gabriele Bassi (BNL)	**Deployment of the first Nb3Sn-based SCU at APS** Ibrahim Kesgin (ANL)			
12:00	12:10		**Photocathodes: A Fundamental Tool for Enabling New Accelerator-Based Science (MOYB3)** Matt Poelker (JLab)							**US High-Energy Physics Collider Proposals for the Future (FRYD3)** Vladimir Shiltsev (NIU)		
12:10	12:20			**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)			
12:20	12:30											
12:30	13:00		Lunch Break							Closing (FRFD)		
13:00	13:30	Granted student training session										
13:30	14:00		Chair: Tadashi Koseki (KEK)	Chair: Alessandro Fabris (Elettra)	Chair: John Moss (ORNL)	Chair: Liu Lin (LNLS)	Chair: Angeles Faus-Golfe (IJCLab)	Chair: Sergey Belomestnykh (FNAL)	Chair: Sarah Cousineau (ORNL)			
14:00	14:10	Student Poster Session (SUP)	**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)** Jinfang Chen (SSRF)	**Status of SuperKEK-B and Experience with Nonlinear Collimation (WEZD1)** Makoto Tobiyama (KEK)	**Towards a Green Accelerator: Energy-Saving Practices at NSRRC (WEZN1)** Wen Shuo Chan (NSRRC)	Louis Costrell Award Session (THZD) APS Wilson Award IEEE NPSS PAST awards IEEE NPSS PAST Early Career Award APS Courant Outstanding Paper APS Outstanding Dissertation Award IEEE PAST Doctoral Student Award Recognition of APS Fellows Recognition of IEEE Senior Memebers IPAC'24 Student Poster Awards		
14:10	14:20				**Accelerator Driven Fusion (TUUD2)** Richard Magee (TAE)							
14:20	14:30											
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)	**Technology Transfer Case Study (TUUD3)** Vitaly Pavlenko (LANL)	**Status and First Results of the APS-U (TUZN2)** Elmie Peoples-Evans (ANL)	**The Electron Cloud and its Impact on the LHC and Future Colliers (WEZD2)** Lotta Mether (CERN)	**The Path to High Beam Power Targets (WEZN2)** Drew Winder (ORNL)				
14:40	14:50											
14:50	15:00											
			Chair: Peter McIntosh (STFC)	Chair: Adriana Rossi (CERN)		Chair: Simone Di Mitri (Elettra)	Chair: Carsten Welsch (Univ. Liverpool)	Chair: Kiyomi Seiya (KEK)				
15:00	15:10		**X-band High Gradient Structure for VIGAS** Qingzhu Li (Tsinghua)	**Long. b-by-b Feedback with Passive Harmonic Cavity** Micha Dehler (PSI)	**Industrial Light Sources for Semicond. Manuf. (TUVD1) 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											
15:20	15:30		**Multi-mode Cavity Design and Characterization** Benjamin Sims (MSU)	**Direct RF Sampling Based LLRF for C-band Linac** Chao Liu (SLAC)	**Asia Regional Accel. Projects (TUVD2) Zong-Kai Liu (NSRRC)**	**Machine Learning for Orbit Steering in Synchrotrons** Simona Bettoni (PSI)	Beam Dynamics Software APES for CEPC Weibin Liu (IHEP)	**Novel Materials for Next-Generation Targets** Kavin Ammigan (FNAL)				
15:30	15:40											
15:40	15:50		**LCLS-II-HE Cavity Acceptance Testing** James Maniscalco (SLAC)	**Results of Improved multi-D Bunch Shape Monitor** ACA Martinez (RadiaBeam)	**Europe Regional Accel. Projects (TUVD3) Edda Gschwendtner (CERN)**	**Results from CXLS 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)				
15:50	16:00											
16:00	16:30		Poster Sessions		**Americas Regional Accel. Projects (TUVD4) Luisella Lari (BNL)**	Poster Sessions						
16:30	17:00											
17:00	17:30											
17:30	18:00											
18:00	18:30	Welcome Reception (Included with registration)			EIC Collaboration Workshop (All are welcome)	WISE and PRAB Editor's Reception (All are welcome)		Banquet (Included with registration)				
18:30	19:00											
19:00	19:30		Chair's Reception (by invitiation only)									
19:30	20:00											
20:00	20:30											
20:30	21:00											
21:00	21:30											
21:30	22:00											

- MC1 - Colliders and other Particle and Nuclear Physics Acclerators
- 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