

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: TBD	Chair: TBD	Chair: TBD	Chair: TBD	Chair: TBD						
9:00	9:10		Welcome (MOXOP)	<b>FRIB One Year User Operation (TUXD)</b> Andreas Stolz (FRIB)	<b>Metamaterials for Impedance Optimisation and Sustainability (TUXN)</b> Carlo Zannini (CERN)	<b>Review of Advanced Schemes for Free Electron Lasers (WEXD)</b> Zhiron Huang (SLAC)	<b>SC Magnets for Heavy Ion Gantry for Hadron Therapy (WEXN)</b> Marco Prioli (INFN)	<b>Machine Learning for Improved Accelerator and Target Reliability (THXD)</b> Willem Blokland (ORNL)	<b>Cryogenic RF Gun at LANL (THXN)</b> Anna Alexander (LANL)	<b>Nb3Sn SRF Cavities: from R&amp;D to Real Accelerator (FRXD)</b> Uttar Pudasaini (JLab)	<b>Beam Instrumentation for Advancing Accelerators (FRXN)</b> Lorraine Bobb (Diamond)			
9:10	9:20			Contributed 7	Contributed 8	Contributed 25	Contributed 26	Contributed 40	Contributed 41	Commissioning of Carbon Ion Treatment Accelerator with a SC Rotating Gantry (FRXD) Hikaru Souda (GU)	<b>20 Years Since the First LPA Dream Beams and a Look Forward (FRXN)</b> Wim Leemans (DESY)			
9:20	9:30			Contributed 9	Contributed 10	Contributed 27	Contributed 28	Contributed 42	Contributed 43	<b>Application of SC Cavities as Ultra-Sensitive RF Photon Detectors (FRXD)</b> Bianca Giaccone (FNAL)	<b>Crystal Collimation of Heavy Ion Beams (FRXN)</b> Stefano Redaelli (CERN)			
9:30	9:40		<b>Highest Beam Power Beams at the SNS (MOXB)</b> Sarah Cousineau (ORNL)	Contributed 11	Contributed 12	Contributed 29	Contributed 30	Contributed 44	Contributed 45	Coffee Break				
9:40	9:50		<b>Accelerator-Based Isotope Production (MOXB)</b> Oliver Kester (TRIUMF)	Contributed 13	Contributed 14	Contributed 31	Contributed 32	Contributed 46	Contributed 47	Chair: TBD				
9:50	10:00			Contributed 15	Contributed 16	Contributed 33	Contributed 34	Contributed 48	Contributed 49	Chair: Wolfram Fischer (BNL)				
10:00	10:10			Contributed 17	Contributed 18	Contributed 35	Contributed 36	Contributed 50	Contributed 51	Chair: TBD				
10:10	10:20			Lunch Break		Closing (FRYCP)				Lab Tour ORNL				
10:20	10:30													
10:30	11:00													
11:00	11:10		<b>Sustainable Accelerator Concepts and Technologies (MOYB)</b> Thomas Roser (BNL)	<b>monochromatization for e+e- Colliders and other Advances in Lattice Designs (TUYD)</b> Pantaleo Raimondi (FSRF)	<b>The Latest Results on Plasma Wakefield Experiments on the FACET II Facility (TUYN)</b> Chan Joshi (UCLA)	<b>Status and Outlook on Slow Extraction Operation at J-PARC Main Ring (WEYD)</b> Ryotaro Muto (KEK)	<b>Prospects of Transverse Deflecting RF Structures as Diagnostic Tools for Linacs (WEYN)</b> Paolo Craievich (PSI)	<b>Coherent Electron Cooling Physics for the EIC (THYD)</b> William Bergan (BNL)	<b>First Results of AUP Nb3Sn Quadrupole Horizontal Tests (THYN)</b> Maria Baldini (FNAL)	<b>High-Efficiency Klystrons from a Dream to Reality (FRYD)</b> Igor Syratchev (CERN)				
11:10	11:20									<b>Roadmap of Ring-type Synchrotron Light Sources in Japan (FRYD)</b> Nobuyuki Nishimori (NIQST)				
11:20	11:30		<b>Review of Developments for Novel Undulators (MOYB)</b> Sara Casalbuoni (XFEL)							<b>US High-Energy Physics Collider Proposals for the Future (FRYD)</b> Vladimir Shiltsev (FNAL)				
11:30	11:40									Closing (FRYCP)				
11:40	11:50													
11:50	12:00													
12:00	12:10		<b>Photocathodes: A Fundamental Tool for Enabling New Accelerator-Based Science (MOYB)</b> Matt Poelker (JLab)											
12:10	12:20													
12:20	12:30													
12:30	13:00													
13:00	13:30													
13:30	14:00													
14:00	14:10		<b>New Advances in Optical Stochastic Cooling (MOZD)</b> Jonathan Jarvis (FNAL)	<b>Next 10 Years of Light Sources (Rings, ERLs) (MOZN)</b> Timur Shaftan (BNL)	<b>Shanghai Hard X-ray FEL Facility (SHINE) Progress (TUZN)</b> Zhentang Zhao (SSRF)	<b>Status of SuperKEK-B and Experience with Nonlinear Collimation (WEZD)</b> Makoto Tobiyaama (KEK)	<b>Towards a Green Accelerator: Energy-Saving Practices at NSRRC (WEZN)</b> 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		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				
14:10	14:20													
14:20	14:30		<b>A Novel Vlasov Approach for Modeling Electron Cloud Instabilities (MOZD)</b> Sofia Johannesson (EPFL)	<b>Short X-ray Pulses at Diffraction-Limited Light Sources (MOZN)</b> Simone Di Mitri (Elettra)	<b>Status and First Results of the APS-U (TUZN)</b> Elmie Peoples-Evans (ANL)	<b>The Electron Cloud and its Impact on the LHC and Future Colliders (WEZD)</b> Lotta Mether (CERN)	<b>The Path to High Beam Power Targets (WEZN)</b> Drew Winder (ORNL)							
14:30	14:40			<b>Industry (TUINDA) (TUINDB)</b>										
14:40	14:50													
14:50	15:00													
15:00	15:10	Student Poster Session (SUP)	Contributed 1 (MOOD)	Contributed 2 (MOON)	Contributed 19	Contributed 20	Contributed 37							
15:10	15:20		Contributed 3	Contributed 4	Contributed 21	Contributed 22	Contributed 38							
15:20	15:30		Contributed 5	Contributed 6	Contributed 23	Contributed 24	Contributed 39							
15:30	15:40													
15:40	15:50													
15:50	16:00													
16:00	16:30													
16:30	17:00													
17:00	17:30													
17:30	18:00													
18:00	18:30													
18:30	19:00	Welcome Reception	Chair's reception (invitation only)	Electron-Ion Collider Accelerator Collaboration meeting (all welcome)	WISE + PRAB reception (all welcome)	Banquet (included in registration, additional tickets available for purchase)								
19:00	19:30													
19:30	20:00													
20:00	20:30													

MC1 - Colliders and other Particle and Nuclear Physics Accelerators
MC2 - Photon Sources and Electron Accelerators
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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