

	Sunday 7 May	Monday 8 May 2023	Tuesday 9 May 2023	Wednesday 10 May 2023	Thursday 11 May 2023	Friday 12 May 2023	
		Sala Darsena	Sala Grande	Sala Grande	Sala Grande	Sala Grande	
8:30			Sala Darsena	Sala Darsena	Sala Darsena	Sala Darsena	
9:00		Chair: Ralph Assmann (DESY)	Chair: Yoichi Sato (KEK)	Chair: Mark Boland (CLS)	Chair: Jul-Che Huang (NSRRC)	Chair: Jie Gao, IHEP	
9:05		IPAC23 Opening Local/Political Address (tbd)	J-PARC Operation with the High Repetition Rate Upgrade Takaaki Yasui (KEK)	Towards a True Diffraction Limited Storage Ring Light Source Lina Hoummi (ESRF)	Treatment of "Forever Chemicals" in Wastewater with Electron Beams John Vennekate (ODU)	Physics of StarWars Carsten Welsch (University of Liverpool)	
9:15		Welcome from INFN Antonio Zoccoli (INFN President)	Arbitrary Bunch Shaping via Wake Potential Tailoring Young Dae Yoon (PAL - APCTP)	ALBA II Accelerator Upgrade Project Status Francis Perez (ALBA-CELLS)	High-Beam Current Operation with a Digital Low-Level Radio Frequency System Fu-Yu Chang (NSRRC)	Towards the COXINEL Seeded FEL with a Laser Plasma Accelerator at HZDR Marie Emmanuelle Couprie (SOLEIL)	
9:30		Welcome from Elettra Alfonso Franciosi (Elettra President)	Laser assisted stripping injection development at the SNS Timofey Gorlov (ORNL)	Challenging students into developing accelerator-based innovations to protect the environment - Phil Burrows (University Oxford)	RF system on a chip: A compact controller for SRF cavity field and detuning control Andriy Ushakov (Helmholtz-Zentrum Berlin für Materialien und Energie GmbH)	Asymmetric Effects in Shock-Injection of Laser-Plasma Acceleration of Electrons Eitan Levine (Weizmann Institute of Science)	
9:35		Practical Details from LOC Giovanni Bisoffi - Alessandro Fabris	A Novel Method to Suppress the Emittance Variation in Extremely Low Emittance Light Source Storage Rings - Kouichi Soutome (RIKEN Spring-8)	On the commissioning of the laser-driven ion beamline ELIMED - Francesco Schillaci (ELI Beamlines)	Robotic Solutions for the Remote Inspection and Maintenance of Particle Accelerators - Mario Di Castro (CERN)	FLASHForward: experimental progress towards an idealised plasma-based energy booster - Judita Beinortaitė (DESY)	
9:40		Performance with the Upgraded LHC Injectors Malika Meddahi (CERN)	Experimental confirmation of the impedance reduction campaign in the CERN SPS, Giulia Papotti (CERN)	Status of SIRIUS Operation with Users - Lin Liu (Brazilian Synchrotron Light Laboratory)	Acceleration of electrons from a linear accelerator by a laser driven plasma wave at CLARA - Lewis Reid (Cockcroft Institute)	Quantum Computing and Accelerator Technology Anna Grassellino (FNAL)	
9:50			Laser cooling taken to the extreme: cold relativistic intense beams of highly-charged heavy ions - Danyal Winters (GSI)	Green-oriented upgrade of accelerator complex at the Spring-8 campus - Hitoshi Tanaka (RIKEN Spring-8 Center)	Using P-Spice model for spark detection in TRIUMF's main cyclotron system - Ramona Leewe (TRIUMF)	Commissioning and Operation of the SPIRAL2 SC Linac Angie ORDUZ (GANIL)	
10:00			Experimental Measurement of Quadrupole Beam Oscillating Frequency at CSNS RCS Yue Yuan (IHEP)	Accelerator operation performance during the NSC KIPT SCA neutron source physical start up - Andrey Zelinsky (NSC, Ukraine)	Acceleration of electrons from a linear accelerator by a laser driven plasma wave at CLARA - Lewis Reid (Cockcroft Institute)		
10:10		Elettra2.0 - Italy's Lightsource for Science and Outreach Emanuel Karantzoulis (Elettra)	New techniques for the LNL superconductive Linac ALPI beam dynamics simulations and commissioning - Luca Bellan (INFN)	Accelerator operation performance during the NSC KIPT SCA neutron source physical start up - Andrey Zelinsky (NSC, Ukraine)			
10:20							
10:30			Coffee / Tea	Coffee / Tea	Coffee / Tea	Coffee / Tea	
10:40							
11:00			Chair: Oliver Boine-Frankenheim (GSI)	Chair: Mamad Eshraqi (ESS)	Chair: Rogelio Tomas Garcia (CERN)	Chair: M-H Moscatello (GANIL)	
11:10		Chair: James Clarke (STFC)	Overall Status of the HL-LHC Project Oliver Brüning (CERN)	The IFMIF-DONES Facility: A Fusion-Oriented 5 MW Superconducting CW Linear Accelerator Ivan Podadera (DONES)	Two-Dimensional Electron Beam Size Measurements with X-ray Heterodyne Near Field Spectroscopy Mirko Siano (University of Milan)	SRF Cavities for Crabbing at the Electron-ion Collider Subashini Da Silva (ODU)	
11:20		LCLS-II Commissioning Results Axel Brachmann (SLAC)	Fabrication and Testing of Corrugated Waveguides for a Collinear Wakefield Accelerator Alexander Zhelents (ANL)	Upgraded Universal Frequency Divider Module For The New FLASH2020+ RF Reference Generation System- Maciej Urbanski (Warsaw University of Technology)	FAIR completion of construction works, towards commissioning and first science Jörg Blaurock (GSI)	European Collaboration for the Realization of ESS Andrea Pisen (INFN)	
11:30			Recent progress of SuperKEKB project and future prospect - Yukiyoishi Ohnishi (KEK)	Status and Plan of the ESS Proton Linac Beam Commissioning Ryoichi Miyamoto (ESS)	Beam dynamics optimization for high gradient beam driven plasma wakefield acceleration at SPARC-LAB - Martina Carillo (Sapienza University of Rome)	Accelerator Driven Systems - A Solution to Multiple Problems of Society Yuan He (IMP Lanzhou)	
11:40		LIPAC (Linear IFMIF Prototype Accelerator) beam commissioning & future plans Kazuo Hasegawa (IFMIF)	Recent Experimental Results from the Dielectric Wakefield Acceleration Program at CLARA Facility - Thomas Pacey (STFC)	5D Phase-Space Reconstruction of an Electron Beam - Sonja Jaster-Merz (DESY, University of Hamburg)	Commissioning of a 1.6 m long 16mm period Superconducting Undulator at the Australian Synchrotron - Yaw-Ren Tan (ANSTO)		
11:50			SUSTAINABILITY STUDIES FOR FUTURE LINEAR COLLIDERS Maxim Titov (CEA)	The beam commissioning of 10mA, 100 kW CW proton beam at café ZhiJun Wang (IMP)	Beam Tomography with Coupling Using Maximum Entropy Technique - Anthony Tran (FRIB)	Accelerators for Particle Physics Beate Heinemann (DESY)	
12:00			Dielectric Laser Acceleration for Dark Sector Studies - Raziye Dadashi Motlagh (PSI)	Implementation status of MYRRHA phase 1 (MINERVA) - Ulrich Dorda (Belgian Nuclear Research Centre)	Overview and status of ESS RF systems - Morten Jensen (ESS)		
12:10		R&D in Super-conducting RF: Thin film capabilities as a Game Changer for Future Sustainability Claire Antoine (CEA)	First Demonstration of Spin-Polarized Electrons from Gallium Nitride Photocathodes - Samuel Levenson (Cornell U)	Understanding the Beam Quality Requirement for a High Energy Electron Microscopy - Yian Wang (Tsinghua U)	A Study on Differentiable Space Charge Model Based on the Green's Function Solver - Chong Shik Park (Korea University Sejong Campus)	Sustainability in storage rings based light sources - Jean-Luc Revol (ESRF)	
12:20							
12:30			LUNCH (12:30 - 14:30)	LUNCH (12:30 - 14:30)	LUNCH (12:30 - 14:30)	IPAC23 SPC Chair Closing Remarks on Program Peter McIntosh (STFC)	
12:40						IPAC24 Presentation Fulvia Pilat (ORNL)	
12:45						IPAC23 Closing and Thanks Ralph Assmann (DESY)	
12:55						ADJOURN - End of IPAC23	
14:00	Student POSTER Session Location: Exhibition Area (14:00 - 18:00)	Sala Grande Chair: Seunghwan Shin (PosTech)	Sala Darsena Chair: Victor Malka (Weizmann IO)	Chair: Christoph Quitmann	Chair: Sara Casabluoni (EuXFEL)	Chair: Oliver Boine-Frankenheim (GSI)	Chair: Ezio Todesco (CERN)
14:30		Electron Beam Test Facilities for Novel Applications Deepa Angal-Kalinin (STFC)	Laser-Plasma Acceleration beyond the Diffraction and Dephasing Limits Cedric Thury (LOA CNRS)	Handshake between European laboratories and industries for particle accelerator development - Caterina Biscari (ALBA-CELLS Synchrotron)	Superconducting Undulators for Future Light Sources Marco Calvi (PSI)	Accelerator Physics Challenges for EIC Vadim Ptitsyn (BNL)	Recent Progress in High Temperature Superconductor Magnet Technology Seungyong Hahn (Seoul National University)
14:50				An introduction to future accelerator based projects and the technological trends in Asia/Australia - Jie Gao (Chinese Academy of Sciences)	Towards the Sub-Angström Regime at EuXFEL: Simulations and First Experimental Results Frank Brinker (DESY)	The Cool Copper Collider (C3) Concept for a Higgs Factory Emilio Nanni (SLAC)	The Short Model Program of Nb3Sn Quadrupoles for the HLumi LHC and its Potential Paolo Ferracin (LBNL)
15:00		Predicting Collective Dynamics and Instabilities in Storage Ring Light Sources Ryan Lindberg (ANL)	EuPRAXIA and its Italian Construction Project Massimo Ferrario (INFN)	Present and future accelerator developments in America and their industrial needs - Fulvia Pilat (Oak Ridge National Laboratory)			
15:10				From CERN to industrial applications: MgB2 high temperature superconductors wire technology for energy transmission - Davide Malacalza (ASG Superconductors)	Megaelectron-Volt Ultrafast Electron Microscope - The Future of Electron Imaging - Xijie Wang (SLAC)	The need for Nb3Sn coated Cu RF Cavities for Future Accelerators - Emanuela Barzi (FNAL)	A short-length transport line for laser plasma accelerators using HTS periodic magnets - Samira Fatehi (KIT)
15:20				How and why setting up a company in Europe working on the particles accelerator field - Carsten Welsch (The University of Liverpool)	Fabrication, Conditioning, Installation and Commissioning with the Beam of the First High Gradient (HG) Module for the FERMI Linac Upgrade - Nuaman Shafiqat (Elettra)	An Experimental Study of X-Y Emittance Repartitioning in KEK-STF - Zachary Liptak (Hirosshima University)	Novel Iron Lamination for fast kicker magnets with high flux density - Kenji Fukami (JASRI)
15:30		Chair: Georg Hoffstaetter (Cornell&BNL)	Chair: Adriana Rossi (CERN)	Chair: Maurizio Vretenar	Chair: Ubaldo Iriso (ALBA)	Chair: Jie Gao (IHEP)	Chair: Georg Hoffstaetter (Cornell&BNL)
15:40		X-band Activities at INFN-LNF - F Cardelli (INFN)	Time-drift aware RF Optimization with Machine Learning Techniques - Ralitsa Sharankova (FNAL)	Going global: from a spin-off company to a mature successful business. Challenges and critical success factors - Raffaella Geometrante (Kyma S.p.A.)	Innovation partnership for the industrialization and production of the BPM electronics - Manuel Cargnelli (Instrumentation Technologies)	User delivery experience of Hard X-ray Self-seeding at the European XFEL - Gianluca Geloni (European XFEL GmbH)	PERLE: A novel facility for ERL development and applications in multi-turn configuration and high-power regime - Walid Kaabi (IUCLab)
15:50		An Experimental Setup for PIXE/PIGE Analysis in a Medical Cyclotron at TENMAK-NUKEN - Serdar Bulut (Turkish Energy, Nuclear and Mineral Research Agency)	Intelligent Online Optimization in X-ray Free-Electron Lasers - Zihan Zhu (Shanghai Institute of Applied Physics)	Collaboration between institutes and Thales: presentation of a successful technology transfer case study - Rodolphe Marchesin (Thales Electron Devices)			
16:00							
16:10		Additive manufacturing of copper RF structures for particle accelerator applications - Kip Bishopberger (LANL)	Efficient Tuning of Particle Accelerator Execution and Virtual Objectives - Ryan Roussel (SLAC)				
16:20							
16:30		Coffee / Tea	Coffee / Tea	Coffee / Tea	Coffee / Tea	Coffee / Tea	
18:30	Welcome Reception (until)	POSTERS (16:30 - 18:30)	POSTERS (16:30 - 18:30)	POSTERS (16:30 - 18:30)	POSTERS (16:30 - 18:30)	POSTERS (16:30 - 18:30)	
			Conference Cocktail Reception (19:00 - 22:00)	Equal Opportunity Session (18:30 - 19:30)	Conference Banquet (19:30 - 00:00)		
						MC01 - Colliders and other Particle Physics Accelerators MC02 - Photon Sources and Electron Accelerators MC03 - Novel Particle Sources and Acceleration Techniques MC04 - Hadron Accelerators MC05 - Beam Dynamics and Electromagnetic Fields MC06 - Beam Instrumentation, Controls, Feedback & Operational Aspects MC07 - Accelerator Technology and Sustainability MC08 - Applications of Accelerators, Technology Transfer and Industrial Relations and Outreach MC09 - Engagement with Industry, Knowledge Exchange and Industrial Relations Opening, Closing and Special Presentations Plenaries Prizes	