

Sun. 7 May		Monday 8 May		Tuesday 9 May		Wednesday 10 May		Thursday 11 May		Friday 12 May	
								Sala Grande			
8:30								08:30 - 09:00 Physics of StarWars Carsten Welsch (University of Liverpool)			
		Sala Darsena		Sala Grande		Sala Darsena		Sala Grande		Sala Darsena	
9:00		Chair: Ralph Assmann (DESY) IPAC'23 Opening Ralph Assmann (DESY) Local/Political Address		Chair: Yoichi Sato (KEK) J-PARC Operation with the High Repetition Rate Upgrade Takaaki Yasui (KEK)		Chair: Zhentang Zhao (SSRF) Arbitrary Bunch Shaping via Wake Potential Tailoring Young Dae Yoon (PAL - APCTP)		Chair: Mark Boland (CLS) Towards a True Diffraction Limited Storage Ring Light Source Lina Hoummi (ESRF)		Chair: Sandra Biedron (U New Mexico) Treatment of "Forever Chemicals" in Wastewater with Electron Beams John Vennekate (TJNAF)	
9:05		Welcome from INFN Antonio Zoccoli (INFN President)						High-Beam Current Operation with a Digital Low-Level Radio Frequency System Fu-Yu Chang (NSRRC)		Chair: Carl Schroeder (LBNL) Towards the COXINEL Seeded FEL with a Laser Plasma Accelerator at HZDR Marie Emmanuelle Couprie (SOLEIL)	
9:15		Welcome from Elettra Alfonso Franciosi (Elettra President)		Laser assisted stripping injection development at the SNS Timofey Gorlov (ORNL)		A Novel Method to Suppress the Emittance Variation in Extremely Low Emittance Light Source Storage Rings Kouichi Soutome (RIKEN SPring-8)		Challenging students into developing accelerator-based innovations to protect the environment Phil Burrows (JAI)		Commissioning of X-LAB: a very high-capacity X-band RF test stand facility at the University of Melbourne Matteo Volpi (The University of Melbourne)	
9:30		Practical Details from LOC Giovanni Bisoffi - Alessandro Fabris				ALBA II Accelerator Upgrade Project Status Francis Perez (ALBA-CELLS)		On the commissioning of the ELIMAI Plasma accelerator and the future medical application using the ELIMED beamline Francesco Schillaci (ELI Beamlines)		Asymmetric Effects in Shock-Injection of Laser-Plasma Acceleration of Electrons Eitan Levine (Weizmann Institute of Science)	
9:35						Status of SIRIUS Operation with Users Lin Liu (Brazilian Synchrotron Light Laboratory)		Accelerator operation performance during the NSC KIPT SCA neutron source physical start up Andrey Zelinsky (NSC, Ukraine)		Timepix and Medipix Detectors and Their Applications Michael Campbell (CERN)	
9:40						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 Thomas Au (TRIUMF)		FLASHForward: experimental progress towards an idealised plasma-based energy booster Judita Beinortaitė (DESY)	
9:50		Performance with the Upgraded LHC Injectors Malika Meddahi (CERN)		Laser cooling taken to the extreme: cold relativistic intense beams of highly-charged heavy ions Danyal Winters (GSI)		Experimental confirmation of the impedance reduction campaign in the CERN SPS Giulia Papotti (CERN)		Robotics Solutions for the Remote Inspection and Maintenance of Particle Accelerators Marco Di Castro (CERN)		Quantum Computing and Accelerator Technology Anna Grassellino (FNAL)	
10:00						New techniques for the LNL superconductive Linac ALPI beam dynamics simulations and commissioning Luca Bellan (INFN)		Acceleration of electrons from a linear accelerator by a laser driven plasma wave at CLARA Lewis Reid (Cockcroft Institute)		Commissioning and Operation of the SPIRAL2 SC Linac Angie ORDUZ (GANIL)	
10:10		Elettra2.0 - Italy's Lightsources for Science and Outreach Emanuel Karantzoulis (Elettra)		Experimental Measurement of Quadrupole Beam Oscillating Frequency at CSMS RCS Yue Yuan (IHEP)							
10:20											
10:30		Coffee / Tea		Coffee / Tea		Coffee / Tea		Coffee / Tea		Coffee / Tea	
10:40		Coffee/Tea								Sala Grande	
11:00		Chair: James Clarke (STFC)		Chair: Oliver Boine-Frankenheim (GSI) Overall Status of the HL-LHC Project Oliver Brüning (CERN)		Chair: Evgenya Simakov (LANL) Fabrication and Testing of Corrugated Waveguides for a Collinear Wakefield Accelerator Alexander Zholents (ANL)		Chair: Mohammad Eshraqi (ESS) The IFMIF-DONES Facility: A Fusion-Oriented 5 MW Superconducting CW Linear Accelerator Ivan Podadera (DONES)		Chair: Rogelio Tomas Garcia (CERN) SRF Cavities for Crabbing at the Electron-Ion Collider Todd Satogata (TJNAF)	
11:10		LCLS-II Commissioning Results Axel Brachmann (SLAC)				Recent Experimental Results from the Dielectric Wakefield Acceleration Program at CLARA Facility Thomas Pacey (STFC)		Status and Plan of the ESS Proton Linac Beam Commissioning Ryoichi Miyamoto (ESS)		FAIR completion of construction works, towards commissioning and first science Jörg Blaurock (FAIR GmbH)	
11:20						Upgraded Universal Frequency Divider Module For The New FLASH2020+ RF Reference Generation System Maciej Urbanski (Warsaw University of Technology)		Beam dynamics optimization for high gradient beam driven plasma wakefield acceleration at SPARC-LAB Martina Carillo (Sapienza University of Rome)		Commissioning of a 1.6 m long 16mm period Superconducting Undulator at the Australian Synchrotron Yaw-Ren Tan (ANSTO)	
11:30		LIPAC (Linear IFMIF Prototype Accelerator) beam commissioning & future plans Kazuo Hasegawa (IFMIF)		Sustainability Studies for Future Linear Colliders Maxim Titov (CEA)		Dielectric Laser Acceleration for Dark Sector Studies Raziyeh Dadashi Motlagh (PSI)		5D Phase-Space Reconstruction of an Electron Beam Sonja Jaster-Merz (DESY, University of Hamburg)		Accelerator Driven Systems - A Solution to Multiple Problems of Society Yuan He (IMP/CAS)	
11:40						The beam commissioning of 10mA, 100 kW CW proton beam at CAFE Zhiyun Wang (IMP/CAS)		Beam Tomography with Coupling Using Maximum Entropy Technique Anthony Tran (FRIB)		Overview and status of ESS RF systems Morten Jensen (ESS)	
11:50						Implementation status of MYRRHA phase 1 (MINERVA) Ulrich Dorda (Belgian Nuclear Research Centre)		A Study on Differentiable Space Charge Model Based on the Green's Function Solver Chong Shik Park (Korea University Sejong Campus)		Accelerators for Particle Physics Beate Heinemann (DESY)	
12:00		R&D in Super-conducting RF: Thin film capabilities as a Game Changer for Future Sustainability Claire Antoine (CEA)		Spin Transparency Experiment Test in RHIC Haixin Huang (BNL)		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)			
12:10											
12:20										IPAC'23 SPC Chair Closing Remarks on Program Peter McIntosh (STFC)	
12:30										IPAC'24 Presentation Fulvia Pilat (ORNL)	
12:40										IPAC'23 Closing and Thanks Ralph Assmann (DESY)	
12:45		LUNCH (12:40 - 14:30)		LUNCH (12:30 - 14:30)		LUNCH (12:30 - 14:30)		LUNCH (12:30 - 14:30)		ADJOURN - End of IPAC'23	
12:55											
14:00		Sala Grande		Sala Darsena		Sala Grande		Sala Darsena		Sala Grande	
14:30		Chair: Prapong Klysubun (SLRI)		Chair: Victor Malka (Weizmann IoS)		Chair: Christoph Quitmann (RI)		Chair: Sara Casalbuoni (Eu-XFEL)		Chair: Oliver Boine-Frankenheim (GSI)	
14:40		Electron Beam Test Facilities for Novel Applications Deepa Angal-Kalinin (STFC)		Laser-Plasma Acceleration beyond the Diffraction and Dephasing Limits Cedric Thaury (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)	
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-Ångström Regime at EuXFEL: Simulations and First Experimental Results Frank Brinker (DESY)		Recent Progress in High Temperature Superconductor Magnet Technology Seungyong Hahn (Seoul National University)	
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 (ORNL)		The Cool Copper Collider (C3) Concept for a Higgs Factory Emilio Nanni (SLAC)		The Short Model Program of Nb3Sn Quadrupoles for the HiLumi LHC and its Potential Paolo Ferracin (LBNL)	
15:10						From CERN to industrial applications: MgB2 high temperature superconductors wire technology for energy transmission Davide Malacalza (ASG Superconductors)		The need for Nb3Sn coated Cu RF Cavities for Future Accelerators Emanuela Barzi (FNAL)		Frank Sacherer Prize awarded to Xingchen Xu Nb3Sn superconductors with artificial pinning centers for high-field accelerator magnets Gersh Budker Prize awarded to Mikhail Krasilnikov THz SASE FEL at PITZ: lasing at a wavelength of 100µm	
15:20		Chair: Peter McIntosh (STFC)		Chair: Adriana Rossi (CERN)		Chair: Maurizio Vretenar (CERN)		Chair: Jie Gao (IHEP)		Chair: Giovanni Bisoffi (INFN)	
15:30		X-band Activities at INFN-LNF Fabio Cardelli (INFN)		Time-drift aware RF Optimization with Machine Learning Techniques Ralitsa Sharankova (FNAL)		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 Shafqat (Elettra)		A short-length transport line for laser plasma accelerators using HTS periodic magnets Samira Fatehi (KIT)	
15:40						Going global: from a spin-off company to a mature successful business. Challenges and critical success factors Raffaella Geometrante (Kyma S.p.A.)		An Experimental Study of X-Y Emittance Repartitioning in KEK-STF Zachary Liptak (Hiroshima University)		Rolf Widerøe Prize awarded to Katsunobu Oide Accelerator researchers who have helped me	
15:50		Characterisation of microbunching instability at the FERMI free electron laser Alexander Brynes (Elettra)		Intelligent Online Optimization in X-ray Free-Electron Lasers Zihan Zhu (Shanghai Institute of Applied Physics)		Innovation partnership for the industrialization and production of the BPM electronics Manuel Cargnelutti (Instrumentation Technologies)		Novel Iron Lamination for fast kicker magnets with high flux density Kenji Fukami (JASRI)		Entertainment Session Chair: Alessandro Fabris (Elettra)	
16:00						Collaboration between institutes and Thales: presentation of a successful technology transfer case study Rodolphe Marchesin (Thales Electron Devices)		PERLE: A novel facility for ERL development and applications in multi-turn configuration and high-power regime Walid Kaabi (IJCLab)		Franco Zanini (Elettra-Sincrotrone Trieste S.C.p.A.) Sound at the speed of light: synchrotron radiation and the study of ancient musical instruments	
16:10		Additive manufacturing of copper RF structures for particle accelerator applications Sergey Kurennoy (LANL)		Efficient Tuning of Particle Accelerator Emittance via Bayesian Algorithm Execution and Virtual Objectives Ryan Roussel (SLAC)		User delivery experience of Hard X-ray Self-seeding at the European XFEL Gianluca Geloni (European XFEL GmbH)		High-power tests of the compactly HOM-damped TM020-cavities for a next generation light source Takahiro Inagaki (Spring-8)		Musical programme with Quartetto Zorja (Conservatorio Tartini, Trieste)	
16:20										Opening, Closing and Special Presentations	
16:30		Coffee / Tea POSTER SESSION (16:30 - 18:30)		Coffee / Tea POSTER SESSION (16:30 - 18:30)		Coffee / Tea POSTER SESSION (16:30 - 18:30)		Coffee / Tea POSTER SESSION (16:30 - 18:30)		Plenaries	
18:30		Welcome Reception (18:00 - 21:00)		Conference Reception (19:30 - 23:30)		Equal Opportunity Session (18:30 - 20:00) - Sala Grande		Conference Banquet (19:30 - 23:30)		Prizes	