

Times	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
	Auditorium A2/A3 Chair: Gianluigi Arduini, CERN	Auditorium A2/A3 Chair: M.-E. Couprie	Auditorium 15 Chair: A. Jansson	Auditorium A2/A3 Chair: G. Bisoffi	Auditorium 15 Chair: O. B.-Frankenheim	
09:00	Welcome addresses	TUXA1 Towards Diffraction Limited Storage Ring Based Light Sources, Lin Liu (LNL)	TUXB1 Non-destructive Beam Profile Monitors, Carsten Peter Welsch (Cockcroft Institute)	WEXA1 High Intensity RFQs: Review on Recent Developments, Common Problems, Solutions, Yuan He (IMP/CAS)	WEXB1 Space Charge Effects on the Third Order Coupled Resonance, Giuliano Franchetti (GSI)	
09:30	MOXAA1 Commissioning of the European XFEL, Winfried Decking (DESY)	TUOAA1 Hard X-ray FEL Lasing Through BBA and Radiation Spectrum Analysis, Heung-Sik Kang (PAL)	TUOAB1 First LHC Transverse Beam Profile Measurement With the Beam Gas Vertex Detector, Andreas Alexopoulos (CERN)	WEOAA1 Beam Conditioning of the Spiral2 CW RFQ, Robin Ferdinand (GANIL)	WEOAB1 Hénon-Heiles Single Particle Dynamics at IOTA, Sergey A. Antipov (University of Chicago)	
10:00	MOXBA1 Progress on the ESS Project Construction, Roland Garoby (ESS)	TUOAA2 A Soft X-Ray Free-Electron Laser Beamline of SACLA, Kazuaki Togawa (RIKEN SPring-8 Center)	TUOAB2 First Observation of the LHC Beam Halo Using a Synchrotron Radiation Coronagraph, Toshiyuki Mitsuhashi (KEK)	WEOAA2 Status of Radioactive Ion Beam Post-Acceleration at CERN-ISOLDE, Yacine Kadi (CERN)	WEOAB2 Beam-Beam Beta-Beating Correction for HL-LHC and Its Impact on Dynamic Aperture, Luis Eduardo Medina Medrano (CERN)	
		TUOAA3 Progress of PrFeB Based Hybrid Cryogenic Undulators at SOLEIL, Amin Ghaith (SOLEIL)	TUOAB3 Development of Wide Dynamic Range Beam Loss Monitor for J-PARC Main Ring, Kenichirou Satou (J-PARC)	WEOAA3 Realizing a High-Intensity Low-Emission Beam in the J-PARC 3-GeV RCS, Hideaki Hotchi (JAEA/J-PARC)	WEOAB3 RF Quadrupole Structures for Transverse Landau Damping in Circular Accelerators, Michael Schenk (CERN)	
				THOAA1 Development of a DLLRF Using Commercial uTCA Platform, Angela Salom (ALBA CELLS)	THOAB1 Study of Medical Applications of Compact Laser-Compton Light Source, Yoonwoo Hwang (UCI)	
				THOAA2 Research on Compensation of Superconducting Cavity Failures in C-ADS Injector-I, Jianping Dai (IHEP)	THOAB2 MicroTCA Technology Lab at DESY: Start-Up Phase Summary, Thomas Walter (DESY)	
				THOAA3 Installation and First Commissioning of the LRF System for the European XFEL, Julien Branlard (DESY)	THOAB3 Ultrafast Relativistic-Energy Electron Microscopy, Jinfeng Yang (ISIR)	
					FRXAA1 Laser Cooling of Relativistic Heavy Ion Beams, Michael Hans Bussmann (HZDR)	
					FRXBA1 Compact and Efficient Accelerators for Radioisotope Production, Concepcion Oliver (CIEMAT)	
					FRXBB1 Novosibirsk Four-Orbit ERL With Three FELs, Nikolay Vinokurov (BINP SB RAS)	
					FRXCA1 Passive Streaking Using Transverse Wakefield for Ultrashort Bunch Diagnostics, Simona Bettoni (PSI)	
					FRXCB1 The Energy Efficiency of High Intensity Proton Driver Concepts, Vyacheslav P. Yakovlev (Fermilab)	
	COFFEE BREAK 10:30 - 11:00					
11:00	Chair: S. Koscielniak MOYAA1 Approaching the Nominal Performance at the LHC, Jorg Wenninger (CERN)	Chair: W. Fischer TUYA1 Linac4: From Initial Design to Final Commissioning, Alessandra Maria Lombardi (CERN)	Chair: R. Assmann TUYB1 First Measurements of Trojan Horse Injection in a Plasma Wakefield Accelerator, Bernhard Hidding (USTRAT/SUPA)	Chair: T. Raubenheimer WEYA1 Crab Cavity Systems for Future Colliders, Silvia Verdú-Andrés (BNL)	Chair: F. Zimmermann WEYB1 Towards a Fully Integrated Accelerator on a Chip: Dielectric Laser Acceleration (DLA) From the Source to Relativistic Electrons, Kent Wootton (SLAC)	
11:30	MOYBA1 The Future of Superconducting Technology for Accelerators, Akira Yamamoto (KEK)	TUOBA1 Commissioning Experience for the CSNS Linac, Jun Peng (IHEP)	TUOBB1 Experimental Demonstration of Energy-Chirp Reduction by a Plasma Dechirper, Yipeng Wu (TUB, Beijing)	WEOBA1 A Comparison of Interaction Physics for Proton Collimation Systems in Current Simulation Tools, James Molson (LAL)	WEOBB1 Recirculated Electron Beam in Photo-Converter for Rare Isotope Production, Aurelia Laxdal (TRIUMF)	
12:00	MOYCA1 Ultimate Field Gradient in Metallic Structures, Walter Wuensch (CERN)	TUOBA2 Space Charge Compensation Experiments and Commissioning of the MYRRHA Low Energy Beam Transport Line, Frédéric Bouly (LPSC)	TUOBB2 Starting Up the AWAKE Experiment at CERN, Edda Gschwendtner (CERN)	WEOBA2 Hollow Electron Beam Collimation for HL-LHC - Effects on the Beam Core, Miriam Fitterer (Fermilab)	WEOBB2 Beam Commissioning of the High Intensity Proton Source Developed at INFN-LNS for the European Spallation Source, Lorenzo Neri (INFN/LNS)	
12:30		TUOBA3 Strain and Temperature Measurements From the SNS Mercury Target Vessel During High Intensity Beam Pulses, Willem Blokland (ORNL)	TUOBB3 HORIZON 2020 EuPRAXIA Design Study, Paul Andreas Walker (DESY)	WEOBA3 Studies of a Scheme for Low Emittance Muon Beam Production From Positrons on Target, Manuela Boscolo (INFN/LNF)	WEOBB3 Advancement of an Accelerator-Driven High-Brightness Source for Fast Neutron Imaging, Brian Rusnak (LLNL)	
					THOBA1 Studies of the Micro-Bunching Instability in Multi-Bunch Operation at the ANKA Storage Ring, Miriam Brosi (KIT)	
					THOBA2 Coherent Synchrotron Radiation and Wake Fields With Discontinuous Galerkin Time Domain Methods, David Bizzozero (TEMF)	
					THOBA3 A Compact 335 MeV Positron Damping Ring Design for FACET-II, Glen White (SLAC)	
					THOBB1 High Power Test Results of the EII-NP S-Band Gun Fabricated With the New Clamping Technology Without Brazing, David Alesini (INFN/LNF)	
					THOBB2 Plasma Processing R&D for LCLS-II Cavities, Martina Martinello (Fermilab)	
					THOBB3 ESS SRF Linear Accelerator Components Preliminary Results and Integration, Christine Darve (ESS)	
					FRYBA1 From Niels Bohr to Quantum Computing, Klaus Molmer (Aarhus University)	
					FRYCA1 The Future of High Energy Accelerators, Joachim Mnich (DESY)	
					FRYAA1 Discovery of the Island of Stability for Super Heavy Elements, Yuri Oganessian (JINR, Dubna)	
					Closing Remarks: IPAC'17 SPC Chair: Mike Seidel (PSI) and IPAC'18 OC Chair Shane Koscielniak (TRIUMF)	
	LUNCH BREAK 12:30 - 14:00					
14:00	Chair: S. Guiducci MOZA1 Electron Cloud Effects at the LHC and LHC Injectors, Giovanni Rumolo (CERN)	Chair: D. Angal-Kalinin MOZB1 First Results with the New Peta-Watt Laser Acceleration Facility in Dresden, Ulrich Schramm (HZDR)	Chair: Rob Yarbray TUIA1 Industry as a Career Path for Physicists Roundtable, Bjarne Roger Nielsen (Danfysik)	Chair: P. Collier TUIB1 Final Results From the Clic Test Facility (CTF3), Roberto Corsini (CERN)	Chair: H. Tanaka WEZA1 Commissioning of the Swiss FEL, Hans-Heinrich Braun (PSI)	
14:30	MOZA2 Beams by Design and FEL Seeding, Erik Hemsing (SLAC)	MOZB2 Stable Electron Beams by Laser Wakefield Acceleration (LWFA) and the IMPACT Program in Japan, Tomonao Hosokai (Osaka University)	TUIA2 An Exploration of Proton and Electron Accelerator Business Opportunities, Robert W. Hamm (R&M Technical Enterprises Inc.)	TUIB2 Commissioning Status of High Luminosity Collider Rings for SuperKEKB, Haruyo Koiso (KEK)	WEZA2 Polarization Control in High Gain Free Electron Lasers, Eugenio Ferrari (Elettra)	
15:00	Chair: L. Spentzouris MOOCA1 High Efficiency Klystrons Using the COM Bunching Technique, David Constable (Lancaster University)	Chair: M. Boland MOOCB1 Time-Resolved Energy Spread Studies at the ANKA Storage Ring, Benjamin Kehrer (KIT)	TUIA3 Open Source vs Closed Source IP and How the Two Relate to the Business of Particle Accelerators, Giovanni Maria Anelli (CERN)	TUOCB1 Progress in the Design of Beam Optics for FCC-ee, Katsunobu Oide (KEK)	WEOCA1 Performance of SOLARIS Storage Ring, Adriana Izabela Wawrzyniak (SOLARIS)	
15:20	MOOCA2 First Results From New Single-Cell Nb3Sn Cavities Coated at Cornell University, Daniel Leslie Hall (Cornell University)	MOOCB2 Laser System Design and Operation for SNS H-Beam Laser Stripping, Yun Liu (ORNL)	TUIA4 Fireside Chat on the Future of Large Accelerator Projects, moderated by Mats Lindroos (ESS)	TUOCB2 JLEIC Ultimate Luminosity With Strong Electron Cooling, Yuhong Zhang (JLab)	WEOCA2 Experience of Taiwan Photon Source Commissioning and Operation, Yi-Chih Liu (NSRRC)	
15:40	MOOCA3 Amorphous Carbon Thin Film Coating of the SPS Beamline: Evaluation of the First Coating Implementation, Matthias Van Gompel (CERN)	MOOCB3 Intensity Interferometer to Measure SPEAR3 Bunch Length, Jeff Corbett (SLAC)	TUOCB3 CBETA - Cornell University Brookhaven National Laboratory Electron Energy Recovery Test Accelerator, Dejan Trbojevic (BNL)	WEOCA3 Status of Development of Superconducting Undulators at the Advanced Photon Source, Yury Ivanyushenkov (ANL)	WEOCB2 Superconducting Magnets at FAIR, Egbert Fischer (GSI)	
16:00 - 18:00	POSTER SESSION		POSTER SESSION		POSTER SESSION	

Session Code Colour Legend

01 - Circular and Linear Colliders
02 - Photon Sources and Electron Accelerators
03 - Novel Particle Sources and Acceleration Techniques
04 - Hadron Accelerators
05 - Beam Dynamics and Electromagnetic Fields
06 - Beam Instrumentation, Controls, Feedback & Operation
07 - Accelerator Technology
08 - Applications, Tech Transfer and Industrial Relations
09 - Engagement with Industry, Knowledge Exchange and Industrial Relations
Opening, Closing and Special Presentations