Time	Monday May 4			Tuesday May 5			Wednesday May 6			Thursday May 7		Friday May 8	
09:00-09:30	Opening Remarks			FRANZ and Small-Scale Accelerator-Driven Neutron Sources *C. Wiesner (IAP)*	Novel Undulators for FEL and Storage Ring Light Sources *E. Gluskin (ANL)*		Coherent Synchrotron Radiation in Energy Recovery Linacs *C. Hall (CSU)*	Machine and Personnel Protection for High Power Linacs *M. Ikegami (FRIB)*		CEBAF SRF Performance During Initial 12 GeV Commissioning *R. Bachimanchi (Jefferson Lab)*	Innovation and Future of Compact Accelerator Technologies in Medicine and Industry *E. Tanabe (AET Inc.)*	The DOE Long-Term Accelerator R&D Stewardship Program *E. Colby (OHEP/DOE)*	The Luminosity Upgrade at RHIC *G. Robert-Demolaize (BNL)*
09:30-10:00	Commissioning and Operations of CEBAF at 12 GeV *A. Freyberger (Jefferson JLab)*			GSI UNILAC Preparation and the New p-Linac for FAIR Operations *L. Groening (GSI)*	Engineering Challenges of Future Light Sources *R. Neuenschwander (LNLS)*		Measurement and Analysis of Electron Cloud Induced Emittance Growth at CesrTA *K. Sonnad (Cornell)*	Advances in Proton Linac Online Modeling *X. Pang (LANL)*		Crab Cavities: Past, Present, and Future of a Challenging Device *Q. Wu (BNL)*	Performance and Prospects for Heavy Ion Therapy *U. Linz (FZJ Juelich)*	The Heavy Ion Accelerator Program in China - Status and New Initiatives *J. Yang (IMP Lanzhou)*	The High Luminosity LHC Project *O. Brüning (CERN)*
10:00-10:30	LHC Commissioning at Higher Energy *P. Collier (CERN)*			700 kW Main Injector Operations for NOvA at FNAL *P. Adamson (FNAL)*	Commissioning Results of the Taiwan Photon Source *C.-C. Kuo (NSRRC)*		Realization of Pseudo Single Bunch Operation with Adjustable Frequency *C. Sun (LBNL)*	Improving the Energy Efficiency of Accelerator Facilities *M. Seidel (PSI)*		Design of the ESS Target Facility *J. Haines (ESS)*	Ultrafast Electron Diffraction Overview *J. Luiten (TUE Eindhoven)*	R&D Towards CW Ion Linacs *P. Ostroumov (ANL)*	Evolution of Muon Accelerator R&D *M. Palmer (FNAL)*
10:30-11:00	**Coffee Break**			**Coffee Break**			**Coffee Break**			**Coffee Break**		**Coffee Break**	
11:00-11:30	Industrial Applications of Free Electron Lasers: Extreme UV Lithography *P. Naulleau (LBNL)*			Progress and Status of SuperKEKB *T. Miura (KEK)*	Multi-GeV Electron and Positron Plasma Wakefield Acceleration Results at FACET *S. Gessner (SLAC)*		Benchmarking and Application of Space Charge Codes for Rings *S. Machida (STFC/RAL)*	Technical Challenges of LCLS-II *T. Raubenheimer (SLAC)*		Cryogenics and Cryomodules for Large Scale Accelerators *F. Casagrande (FRIB)*	A Comparison of Beam Diagnostics for 3rd and 4th Generation Light Sources *H. Maesaka (Spring-8)*	High Power Proton Beam Facilities: Operational Experiences, Lessons Learned, and the Future *S. Cousineau (ORNL)*	
11:30-12:00	High Q0 Development *A. Grassellino (FNAL)*			Accelerator Physics of an ERL-Based Polarized Electron-Ion Collider *Y. Hao (BNL)*	Multi-GeV Plasma Acceleration Results at BELLA *A. Gonsalves (LBNL)*		Beam Dynamics in a High Frequency RFQ *A. Lombardi (CERN)*	Status of the PAL-XFEL Construction *H.-S. Kang (PAL)*		The Auto-Alignment Girder System of the TPS Storage Ring *T.-C. Tseng (NSRRC)*	Recent Trends in Beam Size Measurements using the Spatial Coherence of Visible Synchrotron Radiation *T. Mitsuhashi (KEK)*	Future Circular Colliders *Y. Wang (IHEP)*	
12:00-12:30	Commissioning Results of NSLS-II *F. Willeke (BNL)*			A Polarized Figure-8 Electron-Ion Collider *F. Lin (Jefferson Lab)*	Accelerators on a Chip: Status and Perspectives for All Optical Accelerators *P. Hommelhoff (Univ. Erlangen Nurnberg)*		Interplay of Beam-Beam, Lattice Nonlinearity, and Space Charge Effects in the SuperKEKB Collider *D. Zhou (KEK)*	Commissioning and Operation of the ARIEL Electron Linac at TRIUMF *M. Marchetto (TRIUMF)*		Potential of Fibre-Based Laser Technology for Accelerators *S. Breitkopf (Friedrich Schiller U.)*	Short Bunch Diagnostics - Can We Measure Below the Femtosecond? *W. Gillespie (U. of Dundee)*	Discovery Science with 4th Generation Light Sources *T. Ishikawa (RIKEN)*	
12:30-13:00	**Lunch Break**			**Lunch Break**			**Lunch Break**			**Lunch Break**		Closing Remarks	
13:00-13:30													
13:30-14:00													
14:00-14:20	High Beam Intensity Harp Studies and Developments at SNS *W. Blokland (ORNL)*	AWAKE: the Proof-of-Principle R&D Experiment at CERN *P. Muggli (MPI)*	Developments of High Gradient RF System for J-PARC Upgrade *C. Ohmori (KEK)*	Correction of Nonlinear Coupling Resonances in the SPring-8 Storage Ring *M. Takao (SPring-8)*	Beam Instrumentation and Diagnostics for High Luminosity LHC *R. Jones (CERN)*	Magnets Design and Field Quality Control for TPS Booster and Storage Ring *J.C. Jan (NSRRC)*	Compensating Tune Spread Induced by Space Charge in Bunched Beams *V. Litvinenko (BNL)*	**Session For Industry**	Commissioning and Recent Experimental Results at the Argonne Wakefield Accelerator Facility (AWA) *M. Conde (ANL)*	**Awards Session**			
14:20-14:40	Overview of Beam Instrumentation for the CADS Injector I Proton Linac *Y. Sui (IHEP)*	Laser-Plasma Acceleration in Hamburg *A. Maier (CFEL, Hamburg)*	RF Breakdown of 805 MHz Cavities in Strong Magnetic Fields *D. Bowring (FNAL)*	First Collective Effects Measurements in NSLS-II with Insertion Devices *A. Blednykh (BNL)*	Wideband Vertical Intra-Bunch Feedback At The SPS - 2015 Results And Path Forward O. Turgut *(SLAC)*	Comparison between Measured and Computed Temperatures of the Internal High Energy Beam Dump in the CERN SPS *G. Steele (CERN)*	Beam and Spin Dynamics for Storage Ring Based EDM Search *A. Lehrach (FZJ)*		Experimental Results of Carbon NanoTube Cathodes inside RF Environment *L. Faillace (RadiaBeam)*				
14:40-15:00	Commissioning Results of the New BPM Electronics of the ESRF Booster Synchrotron *M. Cargnelutti (I-Tech/ESRF)*	Coherent Phase Space Matching for Staging Plasma and Traditional Accelerator Using Longitudinally Tailored Plasma Structure *X. Xu (TUB, Beijing)*	Relative Alignment Within the MAX IV 3 GeV Storage Ring Magnet Blocks *J. Svensson (MAX-lab)*	Chromaticity Effects for Space Charge Dominated Beams in the CERN PS Booster *V. Forte (U. Blaise Pascal)*	Optimization of Beam Loss Monitor Network for Fault Modes at FRIB *Z. Liu (FRIB)*	LLRF Commissioning of the European XFEL RF Gun and Its First Linac RF Station *J. Branlard (DESY)*	Intra-beam Scattering Effects in ELENA *J. Resta-López (Cockroft)*		Quantum Efficiency Improvement of Polarized Electron Source using Strain Compensated Super Lattice Photocathode *N. Yamamoto (Nagoya University)*				
15:00-15:20	Proton Beam Commissioning at the MedAustron Ion Beam Therapy Center *A. Garonna (EGB MedAustron)*	Towards Ultra-Low Beta* in ATF2 *M. Patecki (CERN)*	Preliminary Design of the High-Luminosity LHC Shielded Beam Screen *R. Kersevan (CERN)*	Charge Stripper Developments for FRIB *F. Marti (MSU)*	Recent Progress and Operational Status of the Compact ERL at KEK *S. Sakanaka (KEK)*	First Demonstration of Beam Optics Corrections during Acceleration with Beta-squeeze in High Energy Colliders *C. Liu (BNL)*	Plans for Deployment of Hollow Electron Lenses at the LHC for Enhanced Beam Collimation *R. Bruce (CERN)*		12 GeV CEBAF Transverse Emittance Evolution *T. Satogata (Jefferson Lab)*	**Special Session: 50th Anniversary of Accelerator Conferences** **(to 16:20)**			
15:20-15:40	Fabrication of TESLA-shape 9-cell Cavities at KEK for Studies on Mass-Production in Collaboration with Industries *T. Saeki (KEK)*	High-Performance Simulations of Coherence Synchrotron Radiation on Multicore GPU and CPU Platforms *B. Terzic (ODU)*	Design and Prototyping of HL-LHC Double Quarter Wave Crab Cavities for SPS Test *S. Verdú-Andrés (BNL)*	The Accelerator Facility of the Facility for Antiproton and Ion Research P. Spiller *(GSI)*	Multi-GHz Pulse-Train X-Band Capability for Laser Compton X-Ray and Gamma-Ray Sources *D. Gibson (LLNL)*	Final Cooling for a High-Luminosity High-Energy Lepton Collider *D. Neuffer (FNAL)*	First Considerations on Beam Optics and Lattice Design for the Future Hadron-Hadron Collider FCC-hh *B. Dalena (CEA/IRFU)*		Survey of Commissioning of Recent Storage Ring Light Sources *M. Borland (ANL)*				
15:40-16:00	Energy Recovery Linacs for Commercial Radioisotope Production *A. Sy (Jefferson Lab)*	Stable Tune Spreads in the Fermilab Integrable Optics Test Accelerator *G. Stancari (FNAL)*	Development of a 9 MHz 15 kW Solid-state CW Amplifier for RHIC *S. Dillon (Tomco Technologies)*	Recent Progress of the J-PARC RCS Beam Commissioning *H. Hotchi (J-PARC)*	Recent Results from FEL seeding at FLASH *J. Boedewadt (DESY)*	Effects of Accelerating Structures on On-Line Dispersion Free Steering in the Main Linac of CLIC I. Pfingstner *(Univ. Oslo)*	Lattice and Its Related Beam Dynamics Issues in the CEPC Storage Ring *H. Geng (IHEP)*		Recent Developments on Superconducting Undulators at ANKA *S. Casalbuoni (KIT)*				
16:00-18:00	**Poster Session**			**Poster Session**			**Poster Session**			**Poster Session**			

IPAC15 Synoptic Table

MC1: Circular/Linear Colliders	MC5: Beam Dynamics/ EM Fields
MC2: Photon Sources/ e Accelerators	MC6: Instrumentation/ Controls/Feedback
MC3: Alternative Sources/ Acceleration Techniques	MC7: Accelerator Technology
MC4: Hadron Accelerators	MC8: Accelerator Applications/Tech Transfer