

Monday		Tuesday		Wednesday		Thursday		Friday	
Hall A		Hall B		Hall A		Hall B		Hall A	
8:30		8:30		8:30		8:30		8:30	
8:40	welcome	Installation and Commissioning of the Upgraded SARAF 4-rods RFQ L. Weissman	ESS Commissioning Plans N. Milas	Beam physics, what is missing for the design and operation of high-power linacs? A. Shisho	Operational challenges of FFAGs Y. Mori	New electron cloud instability mechanism and its detection and suppression V. Lebedev			
9:00	Challenges in understanding space charge dynamics H. Bartosik	Recent progress on the ESS Project M. Eshraqi	KOMAC operation and future plans Y.-S. Cho	Nonlinear integrable optics to facilitate high intensity operation A. Vaishev	SNS operation and upgrade plans A. Shisho	Requirements and results for quadrupole mode measurements A. Oeftiger		Summary WG-A	
9:30	Beam dynamics challenges for the LHC and injector upgrades G. Rumolo	FRIB SRF cryomodules production status and performance testing J. Popielarski	Commissioning status and plans of CSNS S. Xu	Beam dynamics and beam commissioning of 10 MeV CW proton superconducting linac based on Spoke cavities F. Yan	Status and beam power ramp-up plans of the Slow extraction (SX) M. Tomizawa	BPM technology for quadrupolar moment measurements A. Sounas		Summary WG-B	
10:00	Linac4 commissioning status and challenges to nominal operation G. Bellodi	Applications of Neural Networks to the Modeling and Control of Particle Accelerators A. Edelen	High Intensity Proton Stacking at Fermilab: 700 kW Running R. Ainsworth	Characterization of high intensity beams in Linacs P.A.P. Nghiem	High-Brightness Challenges for the Operation of the CERN Injector Complex K. Harkke	nBLM: Beam loss monitors based on fast neutron detection T. Papaevangelou		Summary WG-C	
10:30			Discussion	Discussion	Discussion				
11:00	Status of the CSNS Commissioning S. Wang	SARAF-LINAC cryomodules N. Pichoff	FAIR commissioning-Concepts and Strategies in View of High-Intensity Operation R. Steinhausen	Beam loss mechanisms in ion linacs and development of beam collimation system T. Maruta	Operation challenges and performance of the LHC during Run II R. Streenberg	Bayesian Optimization for Online FEL Tuning at LCLS J. Duris		Summary WG-D	
11:30	FRIB: Accelerator Physics Update and Initial Commissioning Q. Zhao	Current status of SC cavities R&D for new superconducting injector linac for JINR Nucleon-NICA S.M. Polozov	High-power operation at J-PARC S. Igarashi	Recent studies of beam physics for ion linacs at GSI L. Groening	Low Energy RHIC electron Cooling (LERc): Challenges and Commissioning Progress A. Fedotov	Application of machine learning for the IPM-based profile reconstruction M. Sapinski		Summary WG-E	
12:00	Status of the RAON and its Beam Dynamics J.-H. Jang	Studies on superconducting deuteron driver linac for BISOL F. Zhu	Automated operation of EBIS Injector at BNL T. Kanesue	HiAF front end for transmission and acceleration of 30 pA 230U35+ Y. Yang	Real-Time Measurement of Fluctuations of Building Floors and Installed Equipment of Large Scientific Equipment H.J. Choi	Discussion		Summary of the laser plasma acceleration researches in Korea H. Suk (GIST)	
12:30		High RF power conditioning of the RISP RFQ B.-S. Park	Discussion	Discussion	Discussion			Closing	
14:00	J-PARC RCS H. Hotchi	Understanding the Source and Impact of Errant Beam Loss in the SNS Superconducting Linac C. Peters	High Intensity Proton Studies at RAL C. Prior	Beam Dynamics of the ESS linac N. Milas	Commissioning status of linear IFMIF Prototype Accelerator (LIPAc) A. Kasugai	MEBT laser notch (chopper) for Booster loss reduction D. Johnson			
14:30	IMP Heavy ion synchrotron J. Yang	Experimental Study of Beam Dynamics in the PIP-II MEBT prototype A. Shemyakin	Hollow electron-lens assisted collimation and plans for the LHC D. Mirarchi	Beam dynamics simulation and measurements for the IFMIF/VEDA project M. Comunian	Beam Dynamics in Low Energy Beam Lines with Space Charge Compensation N. Chauvin	Status of Proof-of-Principle Demonstration of 400 MeV H-Stripping to Proton by Using Only Lasers at J-PARC P.-K. Saha			
15:00	High intensity issues in storage rings M. Steck	Design of Linac-100 and Linac-30 for New Rare Isotopes Facility Demca at JINR S. Polozov	Beam Instruments for High Power Spallation Neutron Source and Facility for ADS in J-PARC S. Maigo	First Heavy Ion Beam Acceleration with a superconducting multi gap CH-cavity W. Barth	Classification of space charge resonances and instabilities D. Jeon	Design of 162-MHz CW bunch-by-bunch chopper and prototype testing results S. Shemyakin			
15:30			Discussion	Discussion	Discussion				
16:00	Beam physics limitations for damping of instabilities in circular accelerators V. Lebedev	60mA beam study and efforts for beam loss mitigation in J-PARC linac Y. Liu	Injection foil temperature measurements at the SNS accelerator W. Blokkand	Optical Stochastic Cooling Experiment at the Fermilab IOTA Ring J. Jarvis	Revisiting the longitudinal 90° limit for superconducting linear accelerators I. Hofmann	FNAL-Booster second-harmonic RF cavity R. Madrak			
16:30	Chromatity effects on head-tail instabilities for broadband impedance using two particle models, Vlasov analysis, and simulations Y.H. Chin	Simulation and measurement campaigns for characterization and performance improvement of the CERN hadron linacs G. Bellodi	The Beam Conditions on the Target and its Operational Impacts on Beam Intercepting Devices at European Spallation Source Y. Lee	Momentum Slip-Stacking Simulations for CERN SPS Ion Beams After Upgrade D. Quaranta	High-intensity beam dynamics simulation of the IFMIF-like accelerators S.H. Moon	LLRF Studies for HL-LHC Crab Cavities P. Baudrenghien			
17:00	Experiments and Theory on Beam Stabilisation With Second Order Chromaticity M. Schenk	Emittance Growth and Beam Losses in LANSCE Linear Accelerator Y. Batygin	Radiation damage calculation in PRITS and benchmarking experiment for cryogenic high-energy proton irradiation Y. Yamamoto	Studies of capture and flat-bottom losses in the SPS M. Schwarz	Influence of field errors of the SC cavities and effect of the phase reference line errors on the beam dynamics of the SNS linac Z. Li	The choosing of the magnetic structure of isochronous system DC130 for applied applications. I. Ivanenko			
17:30	Recent Results From the Wideband Feedback System Tests at the SPS and Future Plans K. Li	The Beam Dynamics Design of CW RFQ for Chinese ADS W. Dou	Dynamic vacuum simulation for the BRing in the HIAP facility P. Li	Effect of the Extraction Kickers on the Beam Stability in the CERN SPS A. Farricker	Halo Formation of the Nonuniform Beam in Periodic Solenoidal Fields Y.L. Cheon	Discussion			
18:00	Simulation and measurement of the TMCI threshold in the LHC D. Amorim	Analysis of emittance perturbations in high-intensity beams using generalized Courant-Snyder formalism M. Chung	Design of the Target Dump Injection Segmented in the framework of the High-Intensity LHC project L. Teofil	Beam dynamics study of the heavy ion bunch rotation with space charge effect in BRing at HIAP D.Y. Yin	The beam dynamics design of HIAP superconducting injector S. Liu			RAON Tour	
18:00	Discussion	Discussion	Discussion	Discussion	Discussion				