

PAC'11 Synoptic Table

Time	Monday, March 28		Tuesday, March 29		Wednesday, March 30		Thursday, March 31		Friday, April 1				
.....	7:30 to 17:30 Registration		8:00 to 17:00 Registration		8:00 to 17:00 Registration		8:00 to 17:00 Registration		8:30 to 10:00 Registration				
	Broadway Ballroom	Poster Session	North Ballroom	South Ballroom	Poster Session	North Ballroom	South Ballroom	Poster Session	North Ballroom	South Ballroom			
	Chair: Vladimir N. Litvinenko	Session	Chair: Steve Gourlay	Chair: Johan Bengtsson	Session	Chair: Kevin Brown	Chair: Sandra Biedron	Session	Chair: Yu-Juan Chen	Chair: Dave Sutter			
8:30	Opening Remarks		Recent Super B Design Choices, <i>Walter Whimpey, SLAC</i>		Invited Talk Accelerator Timing Systems Overview, <i>Javier Serrano, CERN</i>		Tutorial on Plasma-Based Accelerators, <i>Warren Mori, UCLA</i>		Importance of Symmetrizing RF Couplers for Low Emittance Beams, <i>Zenghai Li, SLAC</i>	The European Spallation Source, <i>Steve Peggs, ESS</i>			
8:45	Plenary Talk Understanding Elementary Particle Physics with High Energy Colliders, <i>Jacoba Konigsberg, University of Florida</i>	Instrumentation & Controls Advanced Concepts and Future Directions	High Luminosity Electron-Hadron Collider eRHIC, <i>Vadim Ptitsyn, BNL</i>	Tutorial on Accelerator-Based Light Sources, <i>Michael Borland, ANL</i>	Invited Talk Linac Timing, Synchronization and Active Stabilization, <i>Florian Laeth, CLASSE</i>	Invited Talk Accelerator Timing Systems Overview, <i>Javier Serrano, CERN</i>	Tutorial on Heavy Ion Driven Inertial Fusion, <i>William M. Sharp, LLNL</i>	Status of the Oak Ridge SNS RF Systems, <i>Thomas Hazdek, ORNL</i>	Solid State RF Power - The route to 1 Watt per Euro Cent?, <i>Oliver Heid, Siemens AG</i>	High-Intensity Polarized Beam Production in Charge-Exchange Collisions, <i>A. Zelenski, BNL</i>	Tutorial on High Brightness Photoinjectors, <i>David Dowell, SLAC</i>		
Lattice Design for eRHIC and LHC, <i>Dejan Tzajevic, BNL</i>			Invited Talk Accelerator Timing Systems Overview, <i>Javier Serrano, CERN</i>									RF Breakdown Threshold of Accelerator Structures by Magnetic Insulation, <i>Diklys Stratakis, UCLA</i>	Femto-second RF Gun Based MeV Electron Diffraction, <i>Jinfeng Yang, ISIR</i>
Feedback Scheme for Kink Instability in ERL Based Electron Ion Collider, <i>Yue Hao, BNL</i>			Invited Talk Accelerator Timing Systems Overview, <i>Javier Serrano, CERN</i>										
9:00	9:30: 10:00 Coffee Break		9:30: 10:00 Coffee Break		9:30: 10:00 Coffee Break		9:30: 10:00 Coffee Break		9:30: 10:00 Coffee Break				
9:15	North Ballroom	South Ballroom	North Ballroom	South Ballroom	North Ballroom	South Ballroom	North Ballroom	South Ballroom	North Ballroom	South Ballroom			
9:30	Chair: Alan M. M. Todd	Chair: Alexander Chao	Chair: Chan Joshi	Chair: Rodney Gerig	Chair: Stan O. Schriber	Chair: Vladimir Shiltsev	Chair: Patric Muggli	Chair: Paul Schmar	Chair: Ivan V. Bazarov	Chair: John Erickson			
10:00	Invited Talk CBRNE Standoff Detection, <i>Brandon Blackburn, RTN IDS</i>	Invited Talk Beam Dynamics Issues in the SNS Linac, <i>Andrei P. Shishlo, ORNL</i>	Invited Talk Acceleration Beyond 1 GeV Using Ionization Induced Injection, <i>Kenneth Marsh, UCLA</i>	Invited Talk Technical Challenges in the LCLS, Commissioning and Upgrades, <i>Zhirong Huang, SLAC</i>	Invited Talk Simultaneous Orbit, Tune, Coupling, and Chromaticity Feedback at RHIC, <i>Michiko Minty, BNL</i>	Invited Talk Progress in Development of Wakefield Accelerators, <i>Wim Leemans, LBNL</i>	Invited Talk R&D towards a Neutrino Factory or Muon Collider, Status of International MICE, <i>Michael Zisman, LBNL</i>	Invited Talk Developments in Superconducting Insertion Devices, <i>Elizabeth R. Moog, ANL</i>	Invited Talk Recently Commissioned High Power Proton Accelerators and Future Prospects, <i>Stuart Henderson, Fermilab</i>	Invited Talk			
10:15	Inverse-FEL Accelerator for Driving Compact Light Sources, <i>Aaron Tremaine, RadiaBeam</i>	Invited Talk High Intensity Effects in the SNS Ring, <i>Sarah M. Cousineau, ORNL</i>	Invited Talk Progress Towards a Free-electron Laser Driven by a Laser-plasma Accelerator, <i>Andreas R. Maier, LMU</i>	Invited Talk Cornell ERL Research and Development, <i>Christopher Mayes, CLASSE</i>	Invited Talk Real-Time Beam Control at the LHC, <i>Ralph J. Steinhagen, CERN</i>	Invited Talk Synchronization of X-Rays and Lasers for Pump-Probe Experiments at Ultrafast Light Sources, <i>John Byrd, LBNL</i>	Invited Talk Muon Collider Final Cooling in 30-50 T Solenoids, <i>Robert B. Palmer, BNL</i>	Invited Talk Optimization of Magnet Stability and Alignment for NSLS-II, <i>Sushil Sharma, BNL</i>	Invited Talk Technical Challenges in Design and Construction of FRIB, <i>Richard York, NSCL</i>	Invited Talk RF Systems for Superconducting Linacs, <i>Wolfgang Anders, HZB</i>			
10:30	Comparison of Accelerator Technologies for use in ADSS, <i>Bill Weng, BNL</i>	Invited Talk Electron Cloud Experiments at Fermilab: Formation and Mitigation, <i>Robert M. Zwozick, Fermilab</i>	Resonant Excitation of PW in the Linear and Nonlinear Regime, <i>Patric Muggli, USC</i>	Invited Talk Status of the NSLS-II Project, <i>Ferdinand J. Willeke, BNL</i>	BOY, A Modern Graphical Operator Interface Editor and Runtime, <i>Xihui Chen, ORNL</i>	Demonstration of a Two-Stage Laser Wakefield Accelerator, <i>Bradley B. Pollock, LLNL</i>	Invited Talk Experiment to Demonstrate Acceleration in Optical Phonic Band Gap (PBG) Structures, <i>Robert J. England, SLAC</i>	Invited Talk Insertion Device Development at NSLS-II: Status and Plans, <i>Toshiya Tanabe, BNL</i>	Invited Talk Project X - New Multi-Megawatt Proton Source at Fermilab, <i>Sergei Nagaitsev, Fermilab</i>	Progress on Superconducting RF for the Cornell Energy-Recovery-Linac, <i>Matthias Liepe, CLASSE</i>			
10:45	Invited Talk Maximizing Technology Transfer Benefits to Society, <i>Andreas Peters, HIT</i>	Invited Talk Production of 25 MeV Protons in CO <sub>2</sub> Laser-Plasma Interactions, <i>Daniel Haberberger, UCLA</i>	A Proposed Test of Proton-Driven PWA based on CERN SPS, <i>Guoxing Xia, MPI-P</i>	Invited Talk Challenge of MAX-IV Towards a Multi-Purpose Highly Brilliant Light Source, <i>Mikael Eriksson, MAX-lab</i>	Multipurpose Controller Based on a FPGA with EPICS Integration, <i>Pablo Echevarria, ESS Bilbao</i>	Improved Energy Changes at the Linac Coherent Light Source, <i>Nate Lipkowitz, SLAC</i>	Design and Testing of Advanced PBG Accelerator Structures, <i>Brian Munroe, MIT/PSFC</i>	Invited Talk Extruded Aluminum Vacuum Chambers for Insertion Devices, <i>Emil Trakhtenberg, ANL</i>	Invited Talk Commissioning of the 20MV Superconducting Linac Upgrade at TRIUMF, <i>Marco Marchetto, TRIUMF</i>	13 GHz Superconducting RF Cavity Program at Fermilab, <i>Camille Ginsburg, Fermilab</i>			
11:00	State of the Art in Medical and Industrial Linear-Accelerator Systems, <i>David Whitlum, Varian Medical Systems</i>	Invited Talk Longitudinal Relaxation of a Space-Charge Dominated Bunch, <i>Timothy Koeth, UMD</i>	Plasma Wakefield Experiments at FACET, <i>Mark Hogan, SLAC</i>	Invited Talk Status of the NSLS-II Project, <i>Ferdinand J. Willeke, BNL</i>	Concept and Architecture of the RHIC CLRF Upgrade Platform, <i>Kevin Smith, BNL</i>	Status of the Short-Pulse X-ray Project (SPX) at the Advanced Photon Source, <i>Alli Nossiri, ANL</i>	Invited Talk Wakefield Breakdown Test of a Diamond-Loaded Structure, <i>Sergey P. Antipov, Euclid</i>	Invited Talk Thin Film Coatings Suppressing Electron Multipacting, <i>Pedro C. Pinto, CERN</i>	Invited Talk High Current Superconducting Cavity Design at BNL, <i>Wencan Xu, BNL</i>	High Current Superconducting Cavity Design at BNL, <i>Wencan Xu, BNL</i>			
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13:00	North Ballroom	South Ballroom	North Ballroom	South Ballroom	North Ballroom	South Ballroom	North Ballroom	South Ballroom	North Ballroom	South Ballroom			
13:30	Chair: Valeri Lebedev	Chair: Viatcheslav V. Danilov	Chair: John R. Cary	Chair: Samuel Krinsky	Chair: Shane R. Kosselniak	Chair: Giorgio Apollinari	Chair: Matthew Poelker	Chair: Ian Ben-Zvi	Chair: Thomas Roser	Chair: Thomas Roser			
13:45	Invited Talk Status of UHC Operations and Physics Program, <i>Stefano Redaelli, CERN</i>	Invited Talk Non-neutral Plasma Traps for Accelerator-free Experiments on Space-charge-dominated Beam Dynamics, <i>Hirami Okamoto, HU/AdSM</i>	Invited Talk Computation of Transfer Maps for Realistic Beamline Elements from Surface Data, <i>Chad E. Mitchell, NRL</i>	Invited Talk Energy Recovery Linacs for Light Source Applications, <i>George R. Neil, JLAB</i>	Invited Talk Design and Test of Long Nb3Sn Magnets within the LARP Collab., <i>Gianluca Sobbi, LBNL</i>	Invited Talk Development of 11 T Nb3Sn Dipole for LHC Upgrades, <i>Alexander V. Zlobin, Fermilab</i>	Invited Talk Would >50 MV/m be Possible with Superconducting RF Cavities? <i>Tsuyashi Tajima, LANL</i>	Invited Talk The High-Energy Storage Ring, <i>Rudolf Maier, FZJ, Jülich</i>	Invited Talk SRF Materials R&D, <i>Lance Cooley, Fermilab</i>	Invited Talk Understanding Nuclear Physics with Accelerators, <i>Abhay Deshpande, Stony Brook University</i>			
14:00	Invited Talk Tevatron Accelerator Physics and Operation Highlights, <i>Alexander Volishin, Fermilab</i>	Invited Talk Verification of the Power Transfer and Wakefield Coupling in the CLIC Two-beam Accelerator, <i>Arno E. Candel, SLAC</i>	Invited Talk Spin Manipulating Polarized Protons and Deuterons, <i>Vasily Morozov, ODU</i>	Accelerator Aspects of the Advance Photon Source Upgrade, <i>Louis Emery, ANL</i>	Operational Results from the LHC Luminosity Monitors, <i>Ryoichi Miyamoto, BNL</i>	Integrated EM & Thermal Simulations with Upgraded VORPAL, <i>David Smith, Tech-X</i>	Invited Talk The High-Energy Storage Ring, <i>Rudolf Maier, FZJ, Jülich</i>	Invited Talk Electron Linac for the Rare Isotope Program at TRIUMF, <i>Shane R. Kosselniak, TRIUMF</i>	Invited Talk R&D for In-situ Plasma Surface Cleaning of SRF Cavities at SNS, <i>Sang-Ho Kim, ORNL</i>	Invited Talk Science with Light and Neutron Sources, <i>Sunil K. Sinha, UCSD</i>			
14:15	Invited Talk Improvements in the RHIC Polarized Proton Operation, <i>Hsin-Huang, BNL</i>	Invited Talk Matched Kinetic Quasi-equilibrium Solutions for an Intense Charged Particle Beam, <i>Edward Startsev, PPPL</i>	Application of the Eigen-emittance Concept to Ultra-Bright e-Beams, <i>Leanne Duffy, LANL</i>	Upgrade of Accelerator Complex at Pohang Light Source Facility (PLS-II), <i>Kyung-Ryul Kim, PAL</i>	Beam Halo Measurements with an Adaptive Mask, <i>Hao Zhang, UMD</i>	The Injector Cryomodule for e-Linac at TRIUMF, <i>Robert E. Laxdal, TRIUMF</i>	Invited Talk High-Power Options for LANSCE, <i>Robert Garnett, LANL</i>	Invited Talk Power Upgrade for CEBAF at Jefferson Lab, <i>Andrew Kimber, JLAB</i>	Invited Talk Power Upgrade for CEBAF at Jefferson Lab, <i>Andrew Kimber, JLAB</i>	Invited Talk Power Upgrade for CEBAF at Jefferson Lab, <i>Andrew Kimber, JLAB</i>			
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15:00	Invited Talk Status of the KEKB Upgrade, <i>John W. Flanagan, KEK</i>	Space-charge Effects in H Low-energy Beam Transport of LANSCE, <i>Yuri Batygin, LANL</i>	A Theoretical Model for Emittance Exchange Induced by Linear Coupling, <i>Hong Qin, PPPL</i>	An VUV FEL for Producing 70 - 100 MeV Circularly Polarized g-ray Beams, <i>Ying K. Wu, FEL/Duke U</i>	A Design of an Ultimate Storage Ring for Future Light Source, <i>Yichao Jing, IUCEEM</i>	Flux-coupled Cyclotron Stack I: Optimization, <i>Peter M. McIntyre, Texas A&amp;M U.</i>	Resonance Control in SRF Cavities at FNAL, <i>Yuriy Pischalnikov, FNAL</i>	Invited Talk Isochronous High Intensity Non-calling FFAG Proton Drivers, <i>Carol Johnstone, Fermilab</i>	Invited Talk Cavity and Cryomodule Design for the Project X Linac, <i>Mark S. Champion, Fermilab</i>	Invited Talk Cavity and Cryomodule Design for the Project X Linac, <i>Mark S. Champion, Fermilab</i>			
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16:00	North Ballroom	South Ballroom	North Ballroom	South Ballroom	North Ballroom	South Ballroom	Broadway Ballroom		Legend				
16:15	Chair: Bruce P. Straus	Chair: Lia Merminga	Chair: Robert Hettel	Chair: Matthias Liepe	Invited Talk Overview of System Specifications for Bunch by Bunch Feedback Systems, <i>Dmitry Teytelman, Dimeit</i>	Invited Talk Design Studies and Optimization of Future X-ray FELs Based on Advanced High Frequency Linacs, <i>Faya Wang, SLAC</i>	Chair: Victor P. Suller		Louis Costrell Honorary Awards Session				
16:30	Results of Head-on Beam-Beam Compensation Studies at the Tevatron, <i>Giulia Stancari, Fermilab</i>	Space-Charge Effects in Bunched and Debunched Beams, <i>Brian L. Beaudoin, UMD</i>	CSR Fields from a Direct Solution of Maxwell's Equations, <i>Alexander Novokhatski, SLAC</i>	MaRIE X-Ray Free-Electron Laser Pre-Conceptual Design, <i>Bruce Carsten, LANL</i>	Invited Talk KEK ATF Beam Instrumentation Program, <i>Nobuhiro Terunuma, KEK</i>	Invited Talk High-Power Targets: Experience and R&D for 2 MW, <i>Patrick Hurb, Fermilab</i>	Louis Costrell Honorary Awards Session		Sudets Poster Award, New APS-DB and IEEE-NPSS Fellows, IEEE-NPSS Particle Accelerator Science and Technology Awards, US Particle Accelerator School Awards				
16:45	Optimizing the e-Beam for Head-on Beam-Beam Compensation in RHIC, <i>Yun Luo, BNL</i>	Nonlinear Resonance Measurements and Correction in SR, <i>Riccardo Bartolini, Diamond</i>	Exploration of Parallel Optimization Accelerator Design Techniques, <i>Yusong Yang, ANL</i>	Demonstration of the Echo-enabled Harmonic Generation Technique, <i>Doo Xiang, SLAC</i>	Performance Optimization for the LNSL Fast Orbit Feedback, <i>Daniel de Oliveira Tavares, LNSL</i>	CEBAF 200 keV Inverted Electron Gun, <i>Joseph M. Grames, JLAB</i>	IEEE Doctoral Student Award		APS/DPB Outstanding Doctoral Thesis in Beam Physics				
17:00	Advanced Crystal Collimation Studies at the Tevatron (T-980), <i>Viktoriya Zvoda, Fermilab</i>	Studies of RF Noise Induced Bunch Lengthening at the LHC, <i>Themis Mastandis, SLAC</i>	Beam Dynamics Studies of Parallel-Bar Deflecting Cavities, <i>Shahid Ahmed, JLAB</i>	Free Electron Laser Seeding Experiments at SPARC, <i>Luca Giannessi, ENEA C.R. Frascati</i>	NSLS-II Fast Orbit Feedback with Individual Eigenmode Compensation, <i>Yuke Tian, BNL</i>	High Gradient NC RF Photoinjector for Sincro, Trieste, <i>Dr. Luigi Fallace, RadiaBeam</i>	Robert R. Wilson Prize for Achievement in Physics of Particle Accelerators, Introduced by V. Shiltsev		Award Talk: Yaroslav Derbenev, JLAB				
17:15	Beam losses due to Abrupt Crab Cavity Failures in HL-LHC, <i>Roma Calaga, BNL</i>	Dancing Bunches as van Kampen Modes, <i>Alexey Burav, Fermilab</i>	Dynamic Aperture Optimization using Genetic Algorithms at the ALS, <i>Changchun Sun, LBNL</i>	High Fidelity Calculation of Wakefields for Short Bunches, <i>Cho-Kuen Ng, SLAC</i>	Optics-free X-ray FEL Oscillator, <i>Dmitry Kayran, BNL</i>	Optimizing RF Gun within an Automated Injector Design System, <i>Alicia Hofer, JLAB</i>	Robert R. Wilson Prize for Achievement in Physics of Particle Accelerators, Introduced by V. Shiltsev		Award Talk: Yaroslav Derbenev, JLAB				
17:30	Chromaticity Correction for a Muon Collider, <i>Eliana Gianfranceschi-Wendt, Fermilab</i>	3D EM Design and Beam Dynamics Simulations of a RFQ, <i>Brahim Mustapha, ANL</i>	High Fidelity Calculation of Wakefields for Short Bunches, <i>Cho-Kuen Ng, SLAC</i>	Optics-free X-ray FEL Oscillator, <i>Dmitry Kayran, BNL</i>	Optimizing RF Gun within an Automated Injector Design System, <i>Alicia Hofer, JLAB</i>	Optimizing RF Gun within an Automated Injector Design System, <i>Alicia Hofer, JLAB</i>	Robert R. Wilson Prize for Achievement in Physics of Particle Accelerators, Introduced by V. Shiltsev		Award Talk: Yaroslav Derbenev, JLAB				
17:45	Muon Collider IR and Machine-detector Interface Design, <i>Nikolai V. Mokhov, Fermilab</i>	Beam Dynamics Simulations on the Bilbao Accelerator RFQ, <i>David de Cos, ESS Bilbao</i>	Action and Phase Jump Analysis for LHC Orbits, <i>Oscar R. Blanco, UNAL</i>	Optimizing RF Gun within an Automated Injector Design System, <i>Alicia Hofer, JLAB</i>	Optimizing RF Gun within an Automated Injector Design System, <i>Alicia Hofer, JLAB</i>	Optimizing RF Gun within an Automated Injector Design System, <i>Alicia Hofer, JLAB</i>	Robert R. Wilson Prize for Achievement in Physics of Particle Accelerators, Introduced by V. Shiltsev		Award Talk: Yaroslav Derbenev, JLAB				
18:00	Chairman's Reception 18:00 - 20:00				Women in Engineering Reception 17:30 - 19:30				Light Sources and FELs				
18:30	Chairman's Reception 18:00 - 20:00				Women in Engineering Reception 17:30 - 19:30				Sources and Medium Energy Accelerators				
19:00	Chairman's Reception 18:00 - 20:00				Women in Engineering Reception 17:30 - 19:30				Plenary and Awards				
19:30	Chairman's Reception 18:00 - 20:00				Women in Engineering Reception 17:30 - 19:30				Plenary and Awards				
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21:00	Chairman's Reception 18:00 - 20:00				Women in Engineering Reception 17:30 - 19:30				Plenary and Awards				