

PAC 09 Schedule - Final

Date	Monday, 4 May 2009			Tuesday, 5 May 2009			Wednesday, 6 May 2009		
Place	FV BC Ballroom			Regency A+B	HR Plaza	HR Georgia	Regency A+B	HR Plaza	HR Georgia
Chair	S. Koscielniak, TRIUMF			S. Prestemon	P. Spentouris	C. Johnstone	R. Keitel	F. Zimmermann	D. Findlay
8:30	Opening Remarks: S.K. & Paul Schmor			Magnets for Nxt Gen LS	Tevatron Simulation-3D	Wakefield Linear Collide	New UI Capabilities	e-Cloud CMAD	MW Ops at SNS
8:45				R. Gupta	E. Stern	M. Hogan	K-U Kasemir	M. Pivi	J. Galambos
9:00	Why Accelerators?			Magnets for NS-FFAG	Electron-Ion Dynamics	R&D Toward NFMC	Cyber Threats	e-Cloud μ -waves	JPARC Main Ring
9:15	Michael Turner, U. of Chicago			N. Marks	D. Bruhwiler	M. Zisman	S. Lueders	F. Caspers	H. Kobayashi
9:30	Status of Tevatron Run II			LHC Magnet Performance	Maxwell-Vlasov Solver	Muon Collider Progress	Design for high availabil	e-Cloud resonances	PS2 Design
9:45	Valeri Lebedev, FNAL			L. Rossi	G. Bassi	R. Palmer	F. Willeke	C. Celata	M. Benedikt
10:00	Status of LHC Commissioning			Nb3Sn Magnets	Reduced Scale Range	FFAG & IDSNF	Longevity/middleware	RF deflectors CTF3	Fluidized Target
10:15	Jorg Wenninger, CERN			G. Sabbi	J-L Vay	Muon capture/bunching	Automation of MLS	SPARX RF Gun	Crystal Collimation
10:30	Break			Break			Break		
10:45									
Chair	Shin-ichi Kurokawa, KEK			Y. Ishi	M. Berz	Hernandez-Garcia	L. Rossi	Y. Cai	G. Ciavola
11:00	Probing Origins of the Cosmos			IFMIF/EVEDA	FFAG & PTC Spacecha	Cornell ERL Injector	ILC e+ source undulator	APS Chromaticity	ECR source review
11:15	Justin Khoury, Perimeter Institute			A. Mosnier	CHEF Improvements	I. Bazarov	J. Rochford	UVX Insertion Devices	T. Nakagawa
11:30	RIBs for Astrophysics			European ADS	Negative momentum compact	Femtosecond e-	Cryo PM undulator	Twisted waveguide	SNS H- beam
11:45	Alan Shotter, Edinburgh U. & TRIUMF			J-L Biarrotte	e-bunch Transport	Diamond photo-cathode	T. Tanaka	3.9GHz Coupler Kicks	Charge-breader RIB
12:00	J-PARC Status								
12:15	Yoshishige Yamazaki, KEK & JAEA								
12:30	Lunch			Lunch			Lunch		
13:00									
Place	Regency A+B	HR Plaza	HR Georgia	Regency A+B	HR Plaza	HR Georgia	Regency A+B	HR Plaza	HR Georgia
Chair	M. Sullivan	L. Rivkin	M. Lindroos	T. Grimm	E. Shaposhnikova	In-Soo Ko	J. Delayen	O. Bruning	I. Ben-Zvi
14:00	KEKB High lights	Possible APS Upgrade	RIKEN RIB	Cornell ERL SRF	JPARC Low Loss	e- bunch diagnostic	High-gradient structures	Head-tail modes	Cooling in RHIC
14:15	K. Oide	M. Borland	N. Fukunishi	M. Liepe	A. Molodzhentsev	H. Loos	S. Tantawi	A. Burov	J. Brennan
14:30	B-Factory Lessons	NSLS-II Challenges	CARIBU Project	$\beta < 1$ SRF Cavity	UNILAC codes	OTR diagnostics	CLIC X-band test	VEPP Resonance Cross	Timing ref distribution
14:45	J. Seeman	S. Krinsky	R. Pardo	M. Kelly	L. Groening	R. Fiorito	Multi-beam klystron	P. Piminov	M. Ferianis
15:00	BEPC-II Status	Beam Stability in SLS	FRIB: New Facility for R	ILC SRF Progress	Transverse Schottky	NSLS-II diagnostics	LLRF: Reconfigurable	RHIC Beam-Beam	CW Laser Wire
15:15	C. Zhang	C. Steier	R.C. York	R-L. Geng	6D Muon cooling	O. Singh	L. Doolittle	W. Fischer	Y. Honda
15:30	Super-B Project	Shanghai Light Source	High Power RFQs	STF Cryomodule	Cyclotron space-charge	Bunch length	Project-X LLRF	storage ring nonlinr dynamics	3D Profile Monitor
15:45	Dynamical Beta	Zhentang Zhao	A. Pisent	Eiji Kako	NSCL Isochronous ring	LCLS BPMs	Self-excited loop model	Advanced tools for FFAG desi	Tomography& spacecha
16:00	Break			Break			Break		
16:15									
Chair	M. Tigner	A. Freyberger	S. Biedron	M. Fazio	G. Hoffstaetter	M. Futakawa	H-C. Hseuh	A. Noda	W. Blokland
16:30	DAFNE Crab Waist	Status& Future of ERLs	MW Power Supply	Solid State RF Amp	Emittance Exchange	LHC Collimation	He Refrigerators	EMMA NS-FFAG	JPARC MR diagnostic
16:45	C. Milardi	R. Hajima	I. Marneris	M. Di Giacomo	R. Filller	R. Assmann	V. Ganni	S. Smith	e-cloud at FNAL MI
17:00	LHC Crab Cavity	Multi-pass ERL	Solid state PS	Sheet Beam Klystron	μ -scope, Streak Camera	MW-class Target R&D	LHC Vacuum System	SNS Ring Ops	LHC Beam Instrumentat
17:15	Tevatron Luminosity	N. Vinokurov	D. Anderson	D. Sprehn	W. Wan	J. Haines	J. Jimenez	RFQ for ADS	Alignment of LHC
17:30	RHIC polarized proton	Cornell X-ray ERL	Lasers for Next Gen LS	IOT Design	Large Grain Cavity	MERIT at CERN	TLS Vacuum	e-linac for RIB	LHC m/c protect
17:45	RHIC beam-beam	Wisconsin FEL Initiative	M. Danailov	J-PARC MA cavity	ISAC-II High-Beta	K. McDonald	SESAME PS	HITRAP at GSI	ALS Interlocks
18:00									
18:15							HR = Hyatt Regency		
18:30				Women in Engineering Reception HR English Bay Rm, 34th Floor			FV = Fairmont Vancouver		
18:45									
19:00	Chairman's Reception HR 34th Floor								
20:00									
21:00									

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Thursday, 7 May 2009			Friday, 8 May 2009		
<i>HR Plaza</i>		<i>HR Georgia</i>	<i>HR Regency A+B</i>	<i>HR Plaza</i>	<i>HR Georgia</i>
Special Forum/ Alan Todd		S. Ozaki	K. Yokoya	S. Peggs	T. Roser
Accelerators for Environment Applications Douglas Wells, IAC		HIRFL-CSR J-W Xia	CLIC Project Rogelio Tomas	RHIC Progress C. Montag	Coherent e- cooling V. Litvinenko
Accelerators for Security Applications A. Mishin AS&E		China SNS S. Fu	CESR-TA M. Palmer	Collider Initiatives R. Milner	Project-X S. Holmes
XFEL Project Management Thomas Hott, DESY		Accels in Korea W. Namkung	ATF2 Status A. Seryi	LHC Upgrade F. Zimmermann	FAIR Complex M. Steck
Techniques for Successful Project Management Suzanne Herron (SNS/ITER)		Accels In India V. Sahni	CTF3 Achievements ATF2 Optics Model	Tevatron Experience LHeC	AGS polarized p LHC Injection
Break			Break		
Stan Schriber/Steve Holmes		<i>HR Georgia</i>	A. W. Zhang	A. Dragt	S. Boucher
Louis Costrell Honorary Session			CAEP Induction Linac J. Deng	Impedance Theory G. Stupakov	USPAS W. Barletta
IEEE/NPSS Doctoral Thesis Award			SPS Kicker Magnet	Galactic Stability A. Chao	SPIRAL-II collaboration R. Ferdinand
APS/DPB Doctoral Thesis Award			Dielectric Wake Kicker		
Wilson Prize Satoshi Ozaki					
Lunch			Lunch		
<i>Prizes/Awards Invited Luncheon</i>					
<i>HR Plaza</i>	<i>HR Georgia A</i>	<i>HR Georgia B</i>	<i>HR Regency Full=A,B,C,D</i>		
H. Hama	R. Davidson	G. Geschonke	Paul Schmor, TRIUMF		
LCLS Commissioning P. Emma	DARHT-II Linac C. Ekdahl	2-Beam Linear Colliders R. Corsini	Experimental Results from FLASH M. Bogan, SLAC		
SCSS TA XFEL K. Togawa	Dielectric Wall Linac G. Caporaso	e- drive beam R. England	Science of Ultra-fast Electron and Photon Sources S. Karsch, MPQ		
Jlab FEL Progress C. Tennant	Drift Compression I. Kaganovich	e- chirped beam V. Yakimenko	The New Generation of Neutron Sources Thomas Mason, ORNL		
FLASH Operation 7th harmonic IFEL	Targets for WDM P. Seidl	e+ transport by plasma P. Muggli	Neutrino Factory: Final Frontier in Neutrino Physics? Alan Bross, FNAL		
Break <i>HR Plaza Foyer</i>			Progress Toward ILC Nicholas Walker, DESY		
V. Litvinenko	F. Meot	J. Rosenzweig	Closing Remarks, Paul Schmor		
LNLS-2: New Brazil light DIAMOND	HIT/CNAO therapy T. Haberer	Laser-driven p beams laser wakefield e-beam	LSAFEL: Light Sources & FEL		
PLS-II at PAL	HIMAC therapy K. Noda	capillary discharge XUV FEL	BDEMF: Beam Dynamics & EM Fields		
RF deflector in QBA	PAMELA	Boosted-frame PIC	HEHAC: High-Energy Hadron Accelerators		
SPARC FEL experiment	ERIT	X-band PBG	SAI: Sources & Injectors		
Duke gamma source			MAGNET		
			RFSYS: Radio-frequency Systems		
			ACCTECH: Accelerator Technology		
Cocktails	HR Regency Foyer, Balmoral FV BC Foyer		APAC: Applications of Accelerators		
	Banquet HR Regency Full FV BC Ballroom		COLLIDER: Circular Colliders		
			LEAC: Lepton Accelerators		
			LAMEAR: Low & Medium Energy Accelerators		
			CONTOPS: Controls & Operations		
			INSTRUM: Instrumentation		
			ADVCON: Advanced Concepts		
			PPHIB: Pulsed-Power, High-Intensity Beams		
			Special		