

APAC and ATF Users Meeting - Agenda

Oct. 6-7, 2010, BNL

	Title	Start	duration	PI	Institut.	Substitute Presenter	type	Funded	run days
10/6/2010		8:30							
	Executive session	8:30	0:30						
	ATF talks	9:00							
				Vitaly					
	ATF Status and plans	9:00	1:00	Yakimenko	ATF		facility	HEP/BES	
				Marcus					
	New Ti:Sf laser	10:00	0:20	Babzien	ATF		facility	HEP	
				Mikhail				HEP/BES	
	CO2 laser R&D	10:20	0:20	Polyanskiy	ATF		facility	/LDRD	
coffee		10:40	0:30						
	Ion beam generation	11:10							
	Monoenergetic ion beam generation from a gas jet	11:10	0:20	Zulfikar Najmudin	Imperial College	Igor Pogorelsky	Status report	EU/HEP	25
				Peter			Status report	EU/HEP	36
	Wavelength scaling in experiments with foils	11:30	0:20	Shkolnikov	SBU		Status report	EU/HEP	
	Studies of post-solitons in laser/plasma interaction	11:50	0:15	Shkolnikov	SBU		Status report	HEP	2
	Study of hot electron transport and subsequent ion acceleration	12:05	0:10	Victor Malka	LOA	Igor Pogorelsky	Status report	EU	
Diagnostics		12:15							
				Gerard					
	Single shot interferometer	12:15	0:15	Andonian	UCLA		proposal	SBIR	
				James					
	Fiber-meshed beam profile diagnostics	12:30	0:15	Rosenzweig	UCLA	Alex Murokh	proposal	SBIR	
Working lunch		12:45	1:00						

	Title	Start	duration	PI	Institut.	Substitute Presenter	type	Funded	run days
Compton		13:45							
	Single shot phase contrast measurement	13:45	0:15	Massimo Carpinelli	INFN		status report	EU	8
	Fast Compton	14:00	0:15	James Rosenzweig	UCLA	Oliver Williams	status report	NSF	6
	IGS	14:15	0:20	Alex Murokh	Radia Beam		proposal	DTRA	1
Inverse Free Electron Laser		14:35							
	High gradient IFEL	14:35	0:10	Pietro Musumeci	UCLA		status report	NSF/HEP	
	IFEL with recirculated laser	14:45	0:20	Alex Murokh	Radia Beam	Pietro Musumeci	proposal	DTRA	
coffee		15:05	0:30						
Beam manipulation/testing		15:35							
	Coherent synhrotron radiation shielding experiment	15:35	0:20	Dmitry Kayran	BNL/CAD		status report	NP	20
	Single electron beam generation	15:55	0:15	Sebastian White	BNL/PO		FS/SE report	HEP	7
	Fast detector testing	16:10	0:20	Sebastian White	BNL/PO		proposal	HEP	3
	RHIC Stochastic Cooling pick-up test	16:30	0:15	Blackler, Ian	BNL/CAD		FS/SE report	NP	2
	Delta undulator magnet beam test at ATF	16:45	0:15	Alexander Temnykh	Cornell		FS/SE report	BES	6
Executive session		17:00	1:00						
Break		18:00	0:30						
Dinner		18:30							

10/7/2010	8:30								
<i>Executive session</i>	8:30	0:30							
Plasma wake field									
							status		
<i>Status of the multi-bunch PWFA</i>	9:00	0:20	Patric Muggli	USC			report	HEP	23
<i>Optical Measurement of Plasma Wave</i>									
<i>Structure Produced by the Multi-bunch Driven PWFA</i>	9:20	0:15	Rafal Zgadzaj	UT-Austin			status	HEP	6
<i>Progress toward the Current Filamentation</i>							status		
<i>Instability (CFI) experiment</i>	9:35	0:15	Brian Allen	USC			report	NSF	1
Dielectric wake field	9:50								
			James		Gerard				
<i>DWF as a radiation source</i>	9:50	0:20	Rosenzweig	UCLA	Andonian		proposal	HEP	11
			Alexei	Euclid					
<i>High gradient DWFA with microbunched beam</i>	10:10	0:20	Kanareykin	Techlabs			proposal		
<i>coffee</i>	10:30	0:30							
X band/high gradient	11:00								
			James	Radia			status		
<i>X-band deflector</i>	11:00	0:10	Rosenzweig	Beam	Alex Murokh		report	SBIR	
				Radia					
<i>High gradient S-band linac</i>	11:10	0:15	Alex Murokh	Beam			proposal	SBIR	
<i>Surface wave accelerator and surface</i>			Gennady						
<i>Cherenkov radiation source based on SiC</i>	11:25	0:25	Shvets	UT-Austin			proposal	HEP	
Other	11:50								
<i>Experimental Study of Electron-Beam Micro-bunching Dynamics and Shot-Noise</i>					Timur		proposal		
<i>Suppression Effect</i>	11:50	0:15	Avi Gover	Technion	Shaftan		update	Israel	
							proposal		
<i>Laser Acceleration in Vacuum</i>	12:05	0:15	David Cline	UCLA	Lei Shao		update	HEP	
<i>Working lunch</i>	12:20	1:00							
<i>Executive session</i>	13:20	1:00							
<i>Adjourn</i>	14:20								