Working Group 4: Beam-Driven Acceleration

	Monday June 11		Tuesday June 12		Wednesday June 13		Thursday June 14	
Morning II 10:30-12:00	PLENARY SESSION 2		WG4: Electron Driven PWFA II		WG4: PWFA - Proton Driven		Joint WG4, WG2	
			James Rosenzweig - Experimental Testing of the PWFA Quasinonlinear Regime	15 min	**Carl Schroeder** - Coupled hosing and self-modulation instabilities in proton beam driven PWFA	15 min	**Weiming An** - Simulation Study On The Proton Beam Self Modulation In The Plasma Wake Field Using OSIRIS and QuickPIC	15 min
			Aakash Sahai - Excitation of wakefields in a relativistically hot plasma created by dying non-linear plasma wakefields	15 min	**Carl Siemon** - Laser-seeded modulation instability within LHC proton beams	15 min	**Spencer Gessner** - Simulations of Positron Beams at FACET	15 min
			Navid Vafaei - Meter scale plasma source for plasma wakefield experiments	15 min	**Alberto Martinez de la Ossa** - Self-modulation of long electron beams in plasma at PITZ	15 min	**Sunghwan Yi** - Analytic model of electron self-injection in a plasma wakefield accelerator in the strongly nonlinear bubble regime	15 min
			Chris Clayton - Pulse-discharge plasmas for plasma-accelerator applications	15 min	**Jorge Vieira** - Self-modulation of long lepton and hadron bunches	15 min		
			Discussion	30	Discussion	30	Discussion	45
LUNCH 12:00-1:30								
Afternoon I 1:30-3:00	PLENARY SESSION 3		WG4: PWFA Injection +		WG4: PWFA - Proton Driven / DWA		WG4: Other Concepts	
			Bernhard Hidding - Beyond Injection: Trojan Horse Plasma Wakefield Acceleration	15 min	**Yun Fang -** First Observation of Self-Modulation Instability Seeding	15 min	**Brian Allen** - Experimental Results from the Study of the Current Filamentation Instability	15 min
			Yunfeng Xi - Emittance Limits Due to Laser Intensity Effects in Trojan Horse PWFA Injection	15 min	**James Rosenzweig -** Wakefield Tests in Optimized Photonic Structures	15 min	**Alexei Kanareykin** - Experimental Testing of Dielectric Based THz and Ka-band Accelerating Structures	15 min
			Xinlu Xu - Theoretical Analysis and Simulations of Plasma Photo-Cathode	15 min	**Evgenya Simakov -** Possibility for Ultra-Bright Electron Beam Acceleration in Dielectric Wakefield Accelerator	15 min	**Levi Schachter** - 2D Formulation of E-beam Interaction with Multi-resonant Gaseous Medium	15 min
			Y.Jiang, Design of Detuned-Cavity Two-Beam Electron Accelerator Structure		**Changuang Jing -** Applications of the Dielectric Based Accelerators	15 min		
					Jay L. Hirshfield - A High Gradient THz Coaxial Dielectric Wakefield Accelerator	15 min		
			Discussion	45 min	Discussion	15 min	Discussion	45
Break 3:00-3:30								
Afternoon II 3:30-5:00	WG4: Electron Driven PWFA I		Joint Session: WG3, WG4, WG5		WG4: PWFA - Proton Driven / DWA			
	Mark Hogan - Plasma Wakefield Acceleration at FACET	15 min	**Ki-Yong Kim** - Intense Broadband Terahertz Generation via Two-color Photoionization	15 min	**Joel England** - High Transformer Ratio Drive Beams for Wakefield Accelerator Studies	15 min		
	Erik Adli - Transverse effects in plasma-wakefield acceleration at FACET	15 min	**Sergey Antipov** - Experimental demonstration of wakefield effects in a THz planar diamond accelerating structure	15 min	**Brendan O'Shea** - Transformer Ratio Improvment For Beam Based Plasma Accelerators	15 min		
	Selina Li - Head Erosion with Emittance Growth in PWFA	15 min	**Gabriel Schoessow** - Dielectric Structures: Collimation and Nonlinear THz Source Applications	15 min	**Philippe Piot** - A dielectric-wakefield energy-doubler module for the Advanced Superconducting Test Accelerator at Fermilab	15 min		
	Patric Muggli - Plasma Wakefields Resonant Excitation	15 min	**Ziran Wu** - Coherent Terahertz Radiation Source at FACET	15 min	**Joel Frederico** - Quadrupole Diagnostics for Large Energy-Spread Beams	15 min	**Optional Short Excursions**	
	Rafal Zgadzaj - Frequency-domain inteferometric visualization of electron-bunch-driven wakes	15 min	**Manoel Conde** - The Upgraded Argonne Wakefield Accelerator Facility (AWA): a Test-Bed for the Development of High Gradient Accelerating Structures and Wakefield Measurements"	15 min				
	Discussion	15	Discussion	15 min	Discussion	30		
Evening	Reception		WG4 POSTERS [listed separately]		Banquet		Riverboat Cruise	