

Schedule for presentations at the AAC Workshop 2008 (Working Group 1: laser plasma acceleration)

(1) 7/29 11 am - 12 pm **High power experiments I**

WG1-1	Laser-driven acceleration in plasma waveguides (20 minutes)	Simon Hooker
WG1-2	Laser wakefield acceleration experiments at the University of Michigan (20 minutes)	Takeshi Matsuoka
WG1-3	Electron acceleration at MPQ - Stable laser-wakefield accelerator with pointing control (20 minutes)	Stefan Karsch

(2) 7/29 1:30 pm - 3 pm **High power experiments II**

WG1-4	Laser Wakefield Acceleration at Lawrence Livermore National Laboratory (20 minutes)	Dustin Froula
WG1-5	Generation of GeV-electron bunches from laser-plasma interactions in gas jets (20 minutes)	Nasr Hafz
WG1-6	Trapping and destruction of long range high intensity optical/plasma filaments (20 minutes)	Howard Milchberg
	Discussion and additional contributions (30 minutes)	

(3) 7/29 3:30 pm - 5 pm **Simulations I (Joint with WG2)**

WG1-7	Electro-Optic Shock Generation in Laser Wakefield Accelerators (20 minutes)	Daniel Gordon
WG1-8	Self-Guiding of Ultrashort Relativistically Intense Laser Pulses to the Limit of Nonlinear Pump Depletion (20 minutes)	Joseph Ralph
WG1-9	Laser-driven coherent betatron oscillation in a laser-wakefield cavity (10 minutes)	Karoly Nemeth
WG1-10	Timing and Energy Stability in a Laser Wakefield Accelerator with External Injection (10 minutes)	G.J.H. Brussaard
	Discussion and additional contributions (30 minutes)	

(4) 7/30 10:30 am - 12 pm **Stability**

WG1-11	One Percent Energy Spread of 200 MeV LWFA Electron Beams Measured With A High-Resolution Imaging Spectrometer (20 minutes)	Ahmed Benismail
WG1-12	Quasi-mono-energetic relativistic electron beams at 500 Hz (20 minutes)	Karl Krushelnick
WG1-13	Contrast Enhancement of LOASIS CPA Laser System and Effects on Electron Beam Performance of LWFA (10 minutes)	Csaba Toth
WG1-14	Pointing stability improvement with miniature quadrupole lenses for laser-wakefield accelerated electrons (LWFA) (10 minutes)	Matthias Fuchs
	Discussion and additional contributions (30 minutes)	

(5) 7/30 1:30 pm - 3 pm **Guiding**

WG1-15	Resonant plasma wave excitation by laser wakefield inside capillary tubes (20 minutes)	Brigitte Cros
WG1-16	Injection in a capillary-discharge waveguide using an embedded gas jet (10 minutes)	Anthony Gonsalves
WG1-17	Performance Analysis of Capillary Discharge Guided Laser Plasma Accelerator (10 minutes)	Kei Nakamura
WG1-18	Generation and application of slow wave plasma guiding structures to direct laser acceleration (10 minutes)	B. Layer
WG1-19	Direct Acceleration of Electrons in a Corrugated Plasma Waveguide (10 minutes)	J. P. Palaastro*
	Discussion and additional contributions (30 minutes)	

(6) 7/31 10:30 am - 12 pm **Staging and injection**

WG1-20	Two staged laser wake-field acceleration with transient plasma micro-optics; towards repeatable generation of quasi-monoenergetic electron beam with excellent emittance. (20 minutes)	Tomonao Hosokai
WG1-21	Observation of large-angle quasi-monoenergetic electrons from a laser wakefield (20 minutes)	Dmitri Kaganovich
WG1-22	Stable & fully tunable source of quasi-monoenergetic electrons generated by a laser-plasma accelerator (10 minutes)	C. Rechatin
WG1-23	Staging Laser Plasma Accelerators for Increased Beam Energy (10 minutes)	Dmitriy Panasenko
	Discussion and additional contributions (30 minutes)	

(7) 7/31 1:30 pm - 3 pm **Radiation generation (joint with WG 6)**

WG1-24	Compact Radiation source based on laser-plasma wakefield accelerator (25 minutes)	Dino Jaroszynski
WG1-25	Free-electron laser driven by the LBNL laser-plasma accelerator (15 minutes)	Carl B. Schroeder
WG1-26	Polarized γ source based on Compton backscattering in a laser cavity (15 minutes)	V. Yakimenko
WG1-27	EUV X-ray and electron generation by colliding laser pulses (15 minutes)	Masaki Kando
WG1-28	Space-charge effects in electron bunches generated by laser-plasma accelerators and their impact on table-top FELs (10 minutes)	Florian Gruener
WG1-29	Status of Coherent Cherenkov Wakefield Experiment at UCLA (10 minutes)	Alan Cook

(8) 7/31 3:30 pm - 5 pm **Diagnostic Techniques**

WG1-30	Overview of laser-plasma acceleration experiments at the University of Texas (20 minutes)	Mike Downer
WG1-31	Indication of laser pump depletion via the imaged spectrum of self-guided laser light through an underdense plasma (20 minutes)	Arthur Pak
WG1-32	High field THz pulses from a Laser Wakefield Accelerator (10 minutes)	Nicholas H. Matlis
WG1-33	Characterization of the Injector-Accelerator Interface in a Laser Wakefield Accelerator Experiment (10 minutes)	Michael Helle
	Discussion and additional contributions (30 minutes)	

(9) 8/1 10:30 am - 12 pm **Simulations II (joint with WG2)**

WG1-34	Simulation of quasi-monoenergetic electron beams produced by colliding pulse wakefield acceleration (20 minutes)	Xavier Davoine
WG1-35	Numerical simulations of LWFA for the next generation laser systems (20 minutes)	Samuel Martins
WG1-36	Scaled simulations of a 10 GeV accelerator (10 minutes)	Estelle Cormier-Michel
WG1-37	Geometry of thermal plasma oscillations (10 minutes)	David A Burton
	Discussion and additional contributions (30 minutes)	

(10) 8/1 1:30 pm - 3 pm **Technology**

WG1-38	Progress Towards Plasma Pulse Compression of High Energy, Long Pulse Laser Beams (20 minutes)	Robert Kirkwood
WG1-39	Raman amplification in plasma: a tool for laser-plasma acceleration (10 minutes)	John Farmer
WG1-40	Radiation protection issues with Petawatt lasers: a numerical perspective (10 minutes)	Erik Lefebvre
WG1-41	Overview of the Ultra-intense Laser Applications to the Industries at GPI (10 minutes)	Yoneyoshi Kitagawa
WG1-42	A fast, electromagnetically driven supersonic gas jet target for laser wakefield acceleration (10 minutes)	Mahadevan Krishnan
	Discussion and additional contributions (30 minutes)	