AAC 2012 Poster Presentations – Tues. June 12 5:30 – 8:30pm			
WG 1 - students			
1	A Fundamental Description of Electron Beam/Plasma Wave Interactions	**Arnesto Bowman**	Florida A&M University
2	Numerical Study of Self and Controlled Injection in 3D and 2D Wakefield Accelerators	**Asher Davidson**	UCLA
3	Dephasing length matched electron laser-plasma-wakefield acceleration by ionization injection	**Shouyuan Chen**	U. Nebraska
4	Petawatt laser-driven acceleration of electrons to > 2 GeV	**Neil Fazel**	U. Texas-Austin
5	Effect of wire obstructions on the formation of modulated plasma waveguides	**Andrew Goers**	U. Maryland
6	High-Repetition-Rate Wakefield Electron Source Driven by Few-millijoule Ultrashort Laser Pulses	**Zhaohan He**	U. Michigan
7	Betatron Radiation Generation up to 200TW	**William Schumaker**	U. Michigan
8	Undulator radiation from laser-plasma-accelerated electron beams	**Brian Shaw**	UC-Berkeley and LBNL
9	100 MeV injector cell for a staged laser wakefield accelerator	**Jessica Shaw**	UCLA
10	1ecent Progress on Experimental Demon-stration of Staged Laser-Plasma Accelerator	**Satomi Shiraishi**	UC-Berkeley and LBNL
11	Global optimization of quasi-monoenergetic electron beams from laser wakefield accelerators	**Hai-En Tsai**	U. Texas-Austin
12	Observation of Electron Beam Filamentation in High Intensity Laser-Wakefield Acceleration	**Michael Vargas**	U. Michigan
13	Spatial and non-collinear effects on inverse Compton scattering from LWFA beams in the radiation reaction dominated regime	**Marija Vranic**	Instituto Superior Tecnico (Portugal)
14	Electron Acceleration in Capillary Discharge Waveguide at Astra-Gemini	**Paul Andreas Walker**	Oxford
15	Positron Beams Produced in Intense Laser Plasma Interactions	**Jackson Williams**	UC-Davis and LLNL
16	Study of trapping condition in plasma-based accelerators	**Ming Zeng**	UCLA
WG 2-students			
17	An unconditionally-stable numerical method for laser-plasma interactions	**Jonathan Reyes**	U. Nebraska - Lincoln
18	Role of Nottingham and Thomson Effects in Heating of Micro-protrusion in High-Gradient Accelerating Structures	**Aydin Keser**	IREAP,UMD
19	Modeling Asymmetric Beams with Higher-order Phase-space Moments	**Frank Lee**	U. Texas - Austin

20	Robust algorithms for current deposition and efficient memory usage in a GPU based particle-in-cell code	**Francesco Rossi**	U. Bologna
21	Simulating Autoresonant Phase Space Manipulation of Antiprotons for Antihydrogen Synthesis	**Chukman So**	U. California - Berkeley
22	Modeling of laser wakefield acceleration in the Lorentz boosted frame using OSIRIS"	**Peicheng Yu**	UCLA
WG 3 - students			
23	Metallic PBG Structure Optimization by Breaking the Regular Triangular Lattice	**Sergey Arsenyev**	MIT
24	High Gradient Electron Beam Acceleration at LLNL/UCLA IFEL	**Joshua Moody**	UCLA - PBPL
25	Diagnostic, Focusing, and Deflecting Direct Laser Accelerator Structures	**Ken Soong**	Stanford University / SLAC
26	Beam Dynamics and Wakefield Simulations of Double Grating Accelerating Structure	**Behnam Montazeri**	Stanford University / SLAC
27	Acceleration of Non-relativistic Electrons at a Dielectric Grating Structure	**John Breuer**	Max-Planck-Institute for Quantum Optics
WG 4 - students			
28	Experimental Results from the Study of the Current Filamentation Instability	**Brian Allen**	U. Southern California
29	Simulation Study On The Proton Beam Self Modulation In The Plasma Wake Field Using OSIRIS and QuickPIC	**Weiming An**	UCLA
30	Quadrupole Diagnostics for Large Energy-Spread Beams	**Joel Frederico**	Stanford University / SLAC
31	First Observation of Self-Modulation Instability Seeding	**Yun Fang**	U. Southern California
32	Simulations of Positron Beams at FACET	**Spencer Gessner**	Stanford University / SLAC
33	Transformer Ratio Improvment For Beam Based Plasma Accelerators	**Brendan O'Shea**	UCLA-PBPL
34	Excitation of wakefields in a relativistically hot plasma created by dying non-linear plasma wakefields	**Aakash Sahai**	Duke University
35	Laser-seeded modulation instability within LHC proton beams	**Carl Siemon**	U. Texas - Austin
36	Meter scale plasma source for plasma wakefield experiments	**Navid Vafaei**	UCLA
37	Emittance Limits Due to Laser Intensity Effects in Trojan Horse PWFA Injection	**Yunfeng Xi**	UCLA

38	Theoretical Analysis and Simulations of Plasma Photo-Cathode	**Xinlu Xu**	UCLA

WG 4 – non-students			
39	PROTOPLASMA : Proton-driven plasma-wakefield experiment at Fermilab - Stages and Approach	**Jayakar Thangaraj**	Fermi National Accelerator Laboratory

WG 5 - students			
40	Electron Acceleration from Intense Laser Interactions with Under Dense Targets	**Calvin Zulick**	U. Michigan
41	Kelvin Probe Studies of Cesium Telluride Photocathode for the Argonne Wakefield Accelerator	**Daniel Velazquez**	Illinois Institute of Technology and ANL
42	Generation of Annular, High-charge Electron Beam at the Argonne Wakefield Accelerator	**Eric Wisniewsk**	Illinois Institute of Technology and ANL
43	Photocathode Quantum Efficiency Mapping with a Digital Micromirror Device	**Blake Riddick**	U. Maryland
44	Beam Dynamics Simulation of Double Triangular Current Profile Generation in Argonne Wakefield Accelerator	**Gwanghui Ha**	POSTECH
45	Single-shot tomographic movies of evolving light-velocity objects	**Zhengyan Li**	U. Texas-Austin
WG 5 – non-students			
46	Novel X-band Photoinjectors	**James Rosenzweig**	UCLA
47	A high-resolution multi-slit phase space measurement technique for low-emittance beams	**Jayakar Thangaraj**	Fermi National Accelerator Laboratory
48	Compact X-ray source based on channeling radiation	**Philippe Piot**	Northern Illinois University
49	Narrow Band Terahertz Radiation from e-Beam Driven Photonic Band Gap Structures	**Ziran Wu**	SLAC National Accelerator Laboratory, AARD Group
50	Generation and Characterization of 5-micron Electron Beam for Probing Optical Scale Structures	**Mikhail Fedurin**	BNL
51	Beam transport and monitoring for Laser plasma accelerators	**Kei Nakamura**	LBNL
WG 6 - students			
52	Ion acceleration in a gas jet using 10TW CO_2 laser pulses	**Chao Gong**	UCLA
53	Recent experimental results on short pulse ion acceleration at intensities above 10e21W/cm^2	**Franklin Dollar**	U. Michigan
WG 7 – no posters			

WG 8 – students			
54	Two-color terawatt laser system for high-intensity laser-plasma experiments	**James Sanders**	U. Texas-Austin
55	Generation of coherent, broadband X-ray and mid-IR pulses in a noble gas filled hollow waveguide	**Jeremy Pigeon**	UCLA

Late Poster Additions

WG 3 - student			
56	Design, fabrication & testing of a fused-silica dual-layer grating structure for direct laser acceleration of electrons	**Edgar Peralta**	SLAC
WG 4 – non-students			
57	Conceptual Methods for Plasma Character-ization in Sources for PDPWFA Applications	**Roxana Tarkeshian**	Max-Planck-Institut für Physik
WG 6 – students			
58	200 MeV monoenergetic protons produced by a laser-driven collisionless shock	**Federico Fiuza**	Instituto Superior Tecnico (Portugal)