

ICFA Workshop on Novel Concepts for Linear Accelerators and Colliders -- Dielectric Accelerators Working Group (WG-2) Event Schedule

Conveners: Eric Colby / Jamie Rosenzweig

version: 6-Jul-09

Time	Session Location	Talk Title or Session Purpose	Speakers or Conveners	Time
Wednesday July 8				
9:00-10:30	Plenary Session 1 ROB Redwood A-D	Introduction and workshop goals Microwave-base high gradient structures and linacs 30 minute introduction to DLA state-of-the-art	Raubenheimer Tantawi Colby	30'
11:00-12:30	Plenary Session 2 ROB Redwood A-D	30 minute introduction to DWA state-of-the-art Laser-driven plasmas and linacs Beam-driven plasmas and linacs	Rosenzweig Schroeder Hogan	30'
2:00-3:30	WG2 Meeting 1 YELLOW ROOM	Discuss Charge, Session on DWAs COAXIAL TWO-CHANNEL HIGH-GRADIENT DIELECTRIC WAKEFIELD ACCELERATOR* Dielectric Based HG Structures: Power Extraction, Tunability and Energy Transfer Efficiency *BBU, Diamond Structures, Multipactor Simulations* Development of dielectric wakefield structures at the Argonne Wakefield Accelerator Facility	Rosenzweig Jay Hirshfield Alexei Kanareykin Paul Shoessow Manoel Conde	90'
4:00-5:30	WG2 Meeting 2 YELLOW ROOM	Session on DLAs Net Acceleration of an Optically Microbunched Electron Beam EM Properties of PCF Fibers Simulation and Fabrication of Silicon Woodpile Accelerators PCF Wakefield Experiment; Focusing and Instrumentations for DLAs	Colby Christopher Sears Bob Noble Chris McGuinness Joel England	90'
Thursday July 9th				
9:00-10:00	Plenary Session 3 ROB Redwood A-D	(See main workshop schedule) (See main workshop schedule)		
10:30-12:30	WG2 Meeting 3 YELLOW ROOM	Continuation of DWAs; Parameter Development Session SLIM: High Gradient Induction Linacs TWO-BEAM HIGH-GRADIENT ACCELERATOR STRUCTURE EMPLOYING DETUNED CAVITIES* * Develop self-consistent strawman designs for various acceleration concepts * Identify key R&D questions	Colby/Rosenzweig Anatoly Krasnykh Jay Hirshfield	120'
Lunch: Last Opportunity to Sign up for Tour / Poster Session in End Station B				
2:00-3:30	Joint Session with Source and Manipulation WG4: Injector Concepts Kavli 3rd Floor Conference	CW Injector/FEL buncher for a HEP DLA Electron emission from sharp tungsten tips triggered by femtosecond laser pulses The Micro Accelerator Platform: A Potential Injector for a DLA Based Collider	Eric Colby Peter Hommelhoff Gil Travish	
3:30	Break: Setup of Posters in End Station B			
4:00-5:30	WG2 Meeting 4 END STATION B POSTERS:	TOUR OF E163/NLCTA & Poster Session- Start from Kavli Upper Patio List of names; group badge; walking to end station B 15 minutes *APPLICATIONS OF CHERENKOV RADIATION IN NOVEL MATERIALS* Simulation of PCF Fiber Couplers PCF Fiber Fabrication at 2 microns/Incom 7 Schlumberger Grating Structure Development and Possibilities Wakefields in Photonic Crystals; Instrumentation for DLAs Damage Threshold measurements	Colby narrates Chris McGuinness coordinates; E163 people chaperone Paul Shoessow Cho Ng Jim Spencer Edgar Peralta Johnny Ng Ken Soong	20' 60' poster session
6:00 ??	Workshop Dinner	Hunan Garden 3345 El Camino Real		
Friday July 10th				
9:00-10:30	Joint Session with Cost and R&D Prioritization WG6 MADRONE ROOM	Joint session to consider cost and R&D priorities for DLA and DWA concepts		
11:00-12:30	Joint Session with Beam Delivery, Collimation WG5 YELLOW ROOM	Joint Session to consider beam delivery and collimation concepts needed for DLA and DWA-based machines		
2:00-3:30	WG2 Meeting 5 Kavli 3rd Floor Conference	Last-minute talks; polish LC parameters; prioritize R&D questions	Colby/Rosenzweig	90'
4:00-5:30	Closing Plenary ROB Redwood A-D	report WG responses to charge in plenary session	15' each	