

22nd Accelerator Test Facility Users' Meeting

Wednesday, 4 December 2019

New Proposals - Berkner Hall (Bldg 488) Room B (09:00 - 12:15)

time	[id] title	presenter
09:00	[19] High Efficiency Waveguide THz FEL (ID 306039, EBeam)	MUSUMECI, Pietro
09:25	[20] The Study of High-Intensity Laser Pulse Interactions with Near-Critical Density Plasmas (ID 306044, CO2)	ETTLINGER, Oliver NAJMUDIN, Zulfikar
09:50	[55] Experimental Investigation of Proton Stopping and Proton-Boron Fusion Reactions (ID: 306042, CO2)	CHEN, Chiping
10:15	[49] Collinear Wakefield Accelerator Based on Corrugated Waveguide (ID: 306051, EBeam)	ZHOLENTS, Alexander
10:40	Coffee Break	
11:00	[56] Two Beam Acceleration Using Solid-State Active Medium (ID: 306048, EBeam)	SCHACHTER, Levi KIMURA, Wayne
11:25	[22] A Compact, Tunable Plasma-Based Beam Dump (ID 306037, EBeam)	SAHAI, Aakash BONATTO, Alexandre
11:50	[23] Tunable Positron Source: CO2-Laser wakefields to post-process positron-electron jets (ID 306024, EBeam + Laser)	SAHAI, Aakash

New Proposals: New Proposals - Berkner Hall (Bldg 488) Room B (15:15 - 18:10)

time	[id] title	presenter
15:15	[57] Optical Materials for Ultrahigh-Power Long- Wave Infrared Pulses (ID: 306047, CO2)	POLYANSKIY, Mikhail
15:40	[21] Probing Electron Weibel Instability in Optical Field-Ionized Plasma Using Ultrashort Electron Bunches (ID 306033, EBeam + Laser)	ZHANG, Chaojie
16:05	[48] Directional X-ray Radiation Produced by a Ultra-short Period Plasma Magneto-static Undulator (ID: 306041, EBeam + Laser)	Prof. JOSHI, Chan
16:30	[47] Demonstration of Feasibility of Sub-nm, Picosecond Electron Microscope for the Life Sciences (ID: 305506, UED)	YANG, Xi
16:55	[44] Structural phase transition and phonon excitation in non-equilibrium Cu2S (UED)	TAO, Jing
17:20	[45] Charge Order and Lattice Dynamics in Photoexcited Cuprates and Iridates (UED)	TAO, Jing
17:45	[46] Structure phase transition in Weyl semimetal MoTe2 (UED)	LI, Junjie