

SCHEDULE FOR WG4 TALKS, HEDP & EXOTIC ACCELERATOR SCHEMES

TUESDAY

morning session (10:30 am - 12:00 pm)

	10:30 – 11:00	L. Schachter	Optical Injector Based on Particle Acceleration by Stimulated Emission of Radiation
	11:00 – 11:30	P. Schoessow	Microwave PASER experiment
	11:30 – 12:00	S. Antipov	Active Media Studies for PASER

afternoon session 1 (1:30 pm – 3:00 pm)

	1:30 – 2:00	S. Kalmykov	All-optical control of nonlinear self-focusing of multiple laser beams in plasmas and its applications to plasma beat wave accelerators
	2:00 – 2:30	J. Ralph	Self-Guiding of Ultrashort Relativistically Intense Laser Pulses to the Limit of Nonlinear Pump Depletion
	2:30 – 3:00	R. Kirkwood	Progress Towards Plasma Pulse Compression of High Energy, Long Pulse Laser Beams

afternoon session 2 (3:30 pm – 5:00 pm)

	3:30 – 4:00	R. J. England	Experiment to Detect Accelerating Modes in a Photonic Bandgap Fiber from the Wakefield Radiation of a Highly Focused Electron Beam
	4:00 – 4:30	G. Travish	Experimental Testing of a Micron-Scale Laser-Powered Accelerator
	4:30 – 5:00	R. Tikhophov	2nd Harmonic Helical IFEL Interaction Studies

WEDNESDAY

morning session (10:30 am - 12:00 pm)

	10:30 – 11:00	X.Q. Yan	Monoenergetic Proton Beam Generated in Phase-Stable Acceleration (PSA) Regime in laser interaction with thin solid foils
	11:00 – 11:30	I. Pogorelsky	Proton and ion beams generated with a CO2 laser
	11:30 – 12:00	(open)	

THURSDAY

morning session (10:30 am - 12:00 pm) held jointly by WG3 and WG4

	10:30 – 10:50	J. Hirshfield	Two-channel rectangular dielectric wake field accelerator structure experiment
	10:50 – 11:20	T. Marshall	Analysis of a Symmetric Terahertz Dielectric-Lined Rectangular Structure for High Gradient Acceleration
	11:20 – 11:40	J. Rosenzweig	E-169 High Gradient Dielectric Wakefield Acceleration Experiments at FACET
	11:40 – 12:00	G. Travish	Production and Measurement of Gigavolt-per-Meter Fields in Electron-Beam-Driven Dielectric Structures

afternoon session 1 (1:30 pm – 3:00 pm)

	1:30 – 2:00	R. Ikhopov	Electron Beam Diagnostics using Coherent Cerenkov Radiation in Aerogel
	2:00 – 2:30	A. Kanareykin	Studies of beam breakup in dielectric structures
	2:30 – 3:00	S. Tochitsky	Seeded FEL Amplifier-Buncher In the 0.5-9 THz Range For Advanced Accelerators

FRIDAY

morning session (10:30 am - 12:00 pm)

	10:30 – 11:00	R. Yoder	3D Simulations for a Micron-Scale, Dielectric-Based Particle Source Experiment
	11:00 – 11:30	S. Antipov	Observation of wakefield generation in left-handed band of metamaterial-loaded waveguide
	11:30 – 12:00	G. Shvets	Dynamic manipulation of microwave pulses in magnetized plasmas: compression, frequency shifting, particle acceleration