

Day/Time	Title	Author
Thursday		
8:00-11:00	Short Course: <i>Ultrafast Lasers: Chirped Pulse Amplification for the 21st century</i>	Dr. Sterling Backus. KMLabs, Inc.
13:00	<i>Opening Remarks</i>	Thomas Nelson, Sandia National Laboratories
13:10	Plenary Session: Government Efforts and Interest in USPL	
13:10	<i>Air Force Research Laboratories</i>	Dr. Robert Peterkin
13:40	<i>Naval Research Laboratory</i>	Dr. Joseph Penano
14:10	<i>Air Force Office of Scientific Research</i>	Dr. Pat Roach
14:40	Break	
15:00	Ultrashort Pulse Laser Effects and Applications	
15:00	<i>MeV x-rays and backward propagating electron generation from kHz table top ultra-intense laser interaction with liquid water target</i>	Dr. John Morrison, Fellow, National Research Council, Air Force Research Laboratory
15:30	<i>Combining high resolution spectroscopy with nanosecond, femtosecond and filamenting laser pulses to achieve laser induced breakdown measurements of radiological isotopes</i>	Dr. Jeremy Yeak, PM&AM Research
16:00	<i>Filament Guided/Confined Microwave Propagation</i>	Dr. Kevin Kremeyer, PM&AM Research
16:30	<i>Ultrashort Laser Acceleration of MeV Protons from a Shock Compressed Gas Target</i>	Dr. Mike Helle, US Naval Research Laboratory
18:00	Open House at KM Labs	
Friday		
8:00	Limited Distribution Session (Unclassified, Distribution C)	
8:00	<i>The Role of Corona During Filament-Guided High Voltage Discharges in Air</i>	Dr. Andreas Schmitt-Sody, Air Force Research Lab
8:30	<i>Mid-infrared Ultrashort Pulse Laser Material Interaction</i>	Dr. Andreas Schmitt-Sody, Air Force Research Lab
9:00	<i>Ultrashort Pulse Laser Beacon for Deep Turbulence High-Energy Laser Propagation</i>	Dr. Joseph Penano, Naval Research Lab
9:30	<i>RF Generation from a USPL Filament in a High Voltage Gap</i>	Dr. Andreas Schmitt-Sody, Air Force Research Lab

10:00	kHz Laser Filamentation and Material Interactions	Dr. Mike Helle, US Naval Research Lab
10:30	Break	
11:00	Filament Propagation and Control	
11:00	<i>Control of Optical Filament Effects and Associated Gas Dynamics by Varying Repetition Rate</i>	Dr. Kevin Kremeyer, PM&AM Research
11:30	<i>Using a flying focus for creating extended optical guiding structures in the atmosphere</i>	Luke Johnson, University of Maryland
12:00	<i>The Interaction of Microwave Pulses with Plasma Filaments in Atmosphere</i>	Dr. John Palastro, Icarus Research, Inc.
12:30	Lunch	
13:30	<i>Lasers</i>	
13:30	<i>Direct Diode Pumped, Kerr-Lens Modelocked Ti:sapphire Laser</i>	Dr. Sterling Backus, KMLabs, Inc.
14:00	<i>High-energy, kHz, Mid-infrared OPCPA System for High Harmonic Generation of Soft X-rays</i>	Susannah Brown, JILA, University of Colorado at Boulder
14:30	<i>High Average Power, 1 J, Diode-pumped Chirped-Pulse-Amplification Laser</i>	Cory Baumgarten, Colorado State University
15:00	<i>Moving beyond 100 MW MOPA pump for a multi-kHz quasi-single-cycle OPCPA laser</i>	Nathan Bodnar, Laser Plasma Laboratory Townes Laser Institute College of Optics & Photonics
15:30	Closing Remarks/Adjourn	