

DOE-NP SBIR/STTR Exchange Meeting

August 9-10, 2016

Hilton Washington, DC North, Gaithersburg, Maryland

Meeting Agenda-Day 1

Time	Dur. (min)	Grant Title	Speaker	Organization	NP SBIR/ STTR Topic	Grant Status
Tuesday, August 9, 2016						
8:30 AM	5	Welcome and Opening Remarks	Hallman, Timothy J.	DOE, Office of Nuclear Physics		
8:35 AM	5	Introductory Remarks	Farkhondeh, Manouchehr	DOE, Office of Nuclear Physics		
8:40 AM	35	NP SBIR/STTR Program Overview	Shinn, Michelle	DOE, Office of Nuclear Physics		
1	9:15 AM	25	100W Mode-locked Green Laser for GaAs Photoemission Guns	Geng, Jihong	AdValue Photonics Inc., AZ	Accelerator End Year 1
2	9:40 AM	25	Templated Micro-Channel Thermal Control System	Kimble, Michael	Reactive Innovations, LLC, MA	Electronics End Year 1
	10:05 AM	25	Coffee Break			
3	10:30 AM	25	Acid-Free Electropolishing of SRF Cavities	Taylor, E. Jennings	Faraday Technology, Inc. OH	Accelerator End Year 1
	10:55 AM	35	NP Low Energy Facilities and the SBIR/STTR Program	Bollen, Georg	Facility for Rare Isotope Beams/Michigan State University	
4	11:30 AM	25	Liquid Metal Targets for High Power Electron Beams	Grimm, Terry	Niowave, Inc., MI	Accelerator End Year 1
5	11:55 AM	25	Diamond Sensor for the Neutron Electric Dipole Moment Experiment	Hovde, Chris	Southwest Sciences, Inc., NM	Electronics End Year 1
	12:20 PM	60	Lunch Break (on your own)			
6	1:20 PM	25	Solid-State Neutron Detectors with Integrated Electronics for Nuclear Physics	Christian, James	Radiation Monitoring Device, Inc., MA	Instrumentation End Year 1
	1:45 PM	35	The Relativistic Heavy Ion Collider Facility and the SBIR/STTR Program	Minty, Michiko	Brookhaven National Laboratory	
7	2:20 PM	25	Low Z Thin Film Stripper Foils, Targets and X-Ray Windows	Kumar, Nalin	UHV Technologies, Inc., TX	Instrumentation End Year 1
8	2:45 PM	25	Micro Penning Traps for Continuous Magnetic Field Monitoring in High Radiation Environments	Dugan, Mark	Translume, Inc., CA	Instrumentation End Year 1
9	3:10 PM	25	Thermo-Mechanically Stable Tungsten Powders as Solid Catchers for the Fast Release of Stopped Rare Isotopes	Sampathkumaran, Uma	InnoSense, LLC, CA	Accelerator End Year 1
	3:35 PM	25	Coffee Break			
10	4:00 PM	25	Development of a Nanomaterial Anode for a Low Voltage Proportional Counter for Neutron Detection	Craps, Matthew	NanoTechLabs, Inc., NC	Instrumentation End Year 1
11	4:25 PM	25	Nb-on-Cu Cavities for 700-1500 MHz SRF Accelerators	Velas, Katherine	Alameda Applied Sciences Co., CA	Accelerator End Year 1
12	4:50 PM	25	Development of a Superconducting RF Harmonic Cavity for eRHIC	Boulware, Chase	Niowave, Inc., MI	Accelerator End Year 1
13	5:15 PM	60	Informal Discussion on Challenges and Best Practices for Commercialization			

DOE-NP SBIR/STTR Exchange Meeting

Meeting Agenda-Day 2

Time	Dur. (min)	Grant Title	Speaker	Organization	NP SBIR/ STTR Topic	Grant Status
Wednesday, August 10, 2016						
14	8:30 AM	25	Non-Invasive Beam Monitor, Fast Kicker, Bunch Shaper	Roberts, Brock	Electrodynamic, NM	Accelerator End Year 2 /NCE
15	8:55 AM	25	Radiation Resistant Magnetic Field Sensor II	Geist, Brian	Microxact Inc., VA	Instrumentation End Year 2 /NCE
16	9:20 AM	25	Low Cost, High-Density Digital Electronics for Nuclear Physics	Skulski, Wojciech	Skutek Instrumentation, NY	Electronics End Year 2 /NCE
17	9:45 AM	25	Digital Silicon Photomultiplier Array Readout Integrated Circuits	Lee, Adam	Voxtel, Inc., OR	Instrumentation End Year 2/NCE
18	10:10 AM	25	Polyhedral User Mapping Assistant and Visualizer (PUMA-V)	Langston, M. Harper	Reservoir Labs Inc., NY	Software End Year 2
	10:35 AM	30	Coffee Break			
	11:05 AM	35	Jefferson Lab and its SBIR/STTR Program	Weisenberger, Drew	Thomas Jefferson Accelerator National Facility	
19	11:40 AM	25	Low-Latency Ultra-High Capacity Holographic Data Storage Archive Library	Anderson, Ken	Akonia Holographics, LLC, CO	Software End Year 2
20	12:05 PM	25	GaAsSb/AlGaAsP Superlattice Polarized Electron Source	Chen, Yiqiao	SVT Associates Inc., MN	Accelerator End Year 2
	12:30 PM	60	Lunch Break (on your own)			
21	1:30 PM	25	Modular Planar Germanium Detector Systems for High Resolution Gamma-Ray Spectroscopy and Tracking Arrays	Hull, Ethan	PHDs Co., TN	Instrumentation No Cost Extension
	1:55 PM	35	DOE Isotope Program and Facilities and the SBIR/STTR Program	Cutler, Cathy	Brookhaven National Laboratory	
22	2:30 PM	25	Ferroelectric Based High Power Components for L-Band Accelerator Applications	Kanareykin, Alex	Euclid Techlabs, LLC, OH	Accelerator No Cost Extension
	2:55 PM	25	Coffee Break			
23	3:20 PM	25	Digital SQUID Magnetometers for Read-out of Detectors and Magnetic Particles	Radparvar, Masoud	Hypres, Inc., NY	Instrumentation No Cost Extension
24	3:45 PM	35	Update on the Department of Energy SBIR/STTR Program, Q/A	O'Gwin, Chris	DOE, SBIR/STTR Office	
25	4:20 PM	Adjourn				