

DOE-NP SBIR/STTR Exchange Meeting

October 1-2, 2012

Hilton, Gaithrusburg, MD

Time	Dur.	Presentation Title	Speaker	Organization	Topic
<b>Monday, October 1, 2012</b>					
8:30 AM	10	Welcome and Introductory Remarks	Timothy Hallman/ Jehanne Gillo	DOE/Office of Nuclear Physics	
8:40 AM	30	NP SBIR/STTR Program Overview	Manouchehr Farkhondeh	DOE/Office of Nuclear Physics	
9:10 AM	25	Chemical Free Surface Processing for High Gradient Superconducting RF Cavities	Edward Cruz	FM Technologies, Inc.	46 a
9:35 AM	25	Phase and Frequency Locked Magnetrons for SRF Sources	Rolland Johnson	Muons, Inc.	46a
10:00 AM	35	<b>Coffee Break</b>			
10:35 AM	30	RHIC Facility and the SBIR/STTR Program	Ilan Ben-Zvi	Brookhaven National Laboratory	NP User Facilities I (RHIC)
11:05 AM	25	An Energy-Efficient RF Power Source for the Jefferson Laboratory CEBAF Linac	Nikolai Barov	FAR-TECH, Inc.	46 b
11:30 AM	25	Development of High-Efficiency Power Amplifiers for 704 MHz Development of Superconducting Deflecting Cavities for the	Frederick Raab	Green Mountain Radio Research Company	46 b
11:55 AM	25	Electron-Ion Collider and Large Hadron Collider	Terry Grimm	Niowave, Inc.	46 c
12:20 PM	65	<b>Lunch Break</b>			
1:25 PM	25	Device for In-Situ Multiple Coatings of Long, Small Diameter Tubes High-Fidelity Modulator Simulations of Coherent Electron Cooling	Henry Joe Poole	Poole Ventura, Inc.	46 d
1:50 PM	25	Systems	John Cary	Tech-X Corporation	46 d
2:15 PM	25	Electronics for Fast Vertex Position Measurement	Lloyd Bridges	Blue Sky Electronics, LLC	48 c
2:40 PM	35	<b>Coffee Break</b>			
3:15 PM	30	TJNAF facility and the SBIR/STTR Program	Fulvia Pilat	Thomas Jefferson National Accelerator Facility	NP User Facilities II (TJNAF)
3:45 PM	25	Segmented Rectifying and Blocking Contacts on Germanium Planar Detectors	Ethan Hull	PHDS Co.	49 a
4:10 PM	25	Carbon Aerogels - Hot Catchers for Exotic Isotopes and/or Molecular Species	Uma Sampathkumaran	InnoSense LLC	45f
4:35 PM		<b>Adjourn</b>			

Time	Dur.	Presentation Title	Speaker	Organization	Topic
<b>Tuesday, October 2, 2011</b>					
8:30 AM	25	Defect Free, Ultra-Rapid Thinning/Polishing of Diamond Crystal Radiator Targets for Highly Linearly Polarized Photon Beams	Arul Arjunan	Sinmat Inc.	46e
8:55 AM	25	Development of a Superconducting RF Crab Crossing Cavity for the Electron-Ion Collid	Alejandro Castilla /Terry Grimm	Niowave, Inc.	45c
9:20 AM	25	Growth of Large Diameter High-Purity Germanium Crystals for Nuclear Physics Research	Ethan Hull	PHDs Co.	46b
9:45 AM	35	<b>Coffee Break</b>			
10:20 AM	30	NP Isotope Program and Facilities and the SBIR Program	Wolfgang Runde	Los Alamos National Laboratory	NP Isotope Facilities
10:50 AM	25	Manufacturing of Large and Highly Transparent Aerogel Tiles with Refraction Index up to 1.1 for Cherenkov Detectors	Redouane Begag	Aspen Aerogels, Inc.	46d
11:15 AM	25	Quasi-3D Model of an Electron Cyclotron Resonance Ion Source	Jin-Soo Kim	FAR-TECH, Inc.	45d
11:40 AM	25	Miniature Electron-Cyclotron Resonance (ECR) Ion Source for Industrial Applications and Research	Wayne Cornelius	Scientific Solutions	45d
12:05 PM	65	<b>Lunch Break</b>			
1:10 PM	30	STRAW - A Hydrogen-Specific Pressure Gauge for XHV	Gregory Mulhollan	Saxet Surface Science	45e
1:40 PM	35	NP Low Energy Facilities and the SBIR/STTR Program	Birger Back	Argonne National Laboratory	NP User Facilities III (Low Energy)
2:15 PM	25	GPU Acceleration of Spin Tracking in Colliding Beam Accelerators	John Cary	Tech-X Corporation	45e
2:40 PM	35	<b>Coffee Break</b>			
3:15 PM	25	SOI CMOS Process for Monolithic, Radiation-Tolerant, Science-grade Imagers	George Williams	Voxel, Inc.	44d
3:40 PM	25	Micromegas Particle Detector	Jae Ryu	Agiltron, Inc.	46b
4:05 PM	35	Update on the Department of Energy SBIR/STTR Programs	Manuel Oliver	DOE/SBIR/STTR Programs Office	
4:40 PM	15	<b>Discussions and closing Remarks</b>			
4:55 PM		<b>Adjourn</b>			