

## Department of Energy Announces \$1.89 Million for U.S.-Japan Cooperative Research in High Energy Physics

Principal Investigator	Title	Institution	City	State
<b>Newby, Jason</b>	<i>Planning Workshop on Inelastic Low-Energy Neutrino Interactions in Water Cherenkov Detectors at the Spallation Neutron Source</i>	Oak Ridge National Laboratory	Oak Ridge	TN
<b>Belomestnykh, Sergey</b>	<i>Advanced Accelerator Technology</i>	Fermi National Accelerator Laboratory	Batavia	IL
<b>Cultrera, Luca</b>	<i>Robust electron sources for future accelerator facilities</i>	Brookhaven National Laboratory	Upton	NY
<b>Barzi, Emanuela</b>	<i>High heat capacity and radiation-resistant organic resins for impregnation of high field superconducting magnets</i>	Fermi National Accelerator Laboratory	Batavia	IL
<b>Heim, Timon</b>	<i>Development of large area and high speed beam telescope system for future semiconductor detector R&amp;D</i>	Lawrence Berkeley National Laboratory	Berkeley	CA
<b>Bai, Mei</b>	<i>Joint Forum on Investigating the Vital New Initiatives of Ongoing Advanced Acceleration Technologies and Applications</i>	SLAC National Accelerator Laboratory	Menlo Park	CA
<b>Wilkinson, Callum</b>	<i>Enabling Multi-differential Neutrino Cross-Section Measurements with Machine Learning</i>	Lawrence Berkeley National Laboratory	Berkeley	CA
<b>Garcia-Sciveres, Maurice</b>	<i>Quantum sensing consortium for a new underground cryogenic facility at Kamioka</i>	Lawrence Berkeley National Laboratory	Berkeley	CA
<b>Freeman, James</b>	<i>Development of Detectors for High-granularity Dual Readout Calorimetry</i>	Fermi National Accelerator Laboratory	Batavia	IL
<b>Tajima, Tsuyoshi</b>	<i>Development of a High-Efficiency/Gradient Superconducting Cavity using MgB2</i>	Los Alamos National Laboratory	Los Alamos	NM
<b>Eldred, Jeffrey</b>	<i>Accelerator and Beamline Research and Technology Development for High-Power Neutrino Beams</i>	Fermi National Accelerator Laboratory	Batavia	IL
<b>Seiya, Kiyomi</b>	<i>Machine Learning for Linac Operations and Improved Performance</i>	Fermi National Accelerator Laboratory	Batavia	IL
<b>Ng, Cho-Kuen</b>	<i>An Integrated Simulation Tool for Dark Current Radiation Effects and Positron Sources in Particle Accelerators</i>	SLAC National Accelerator Laboratory	Menlo Park	CA
<b>Parker, Brett</b>	<i>Development and Study of Superconducting Magnet Upgrades for SuperKEKB</i>	Brookhaven National Laboratory	Upton	NY