



# Press Release

For Immediate Release

December, 2013

## **The SLAC National Accelerator Lab using HECAT<sup>®</sup> H1000 A/C Flusher.**

The SLAC Laboratory (a unit of Stanford University in Palo Alto, CA.) is managed and operated under a United States Department of Energy (DOE) contract; and is engaged in research in material, structural molecular biology, and high energy physics.

The SLAC Laboratory is currently developing refrigeration cooling systems for the Camera Subsystem of the Large Synoptic Survey Telescope (LSST); specifically a Cryo Plate and Cold Plate system, to provide thermal stability to the Focal Array and various computer modules. More information about the Camera Subsystem and the LSST can be found in this link. [http://www.lsst.org/lsst/science/concept\\_camera](http://www.lsst.org/lsst/science/concept_camera)

Modeling and testing of the refrigeration systems requires considerable assembly and disassembly of system components; and the cleanliness of these components is a crucial part of the modeling and testing protocol.

The Laboratories goal of employing the HECAT H1000 is to improve the component cleaning processes, over other methods that have been previously employed; while also providing a method for environmentally and fiscally sound recovery and recycling of the Laboratories chosen refrigerant-solvent (HFC-245fa).

HECAT, Inc. is a manufacturer of specialty internal heat exchanger flushing and cleaning equipment, tools, adapters, chemicals, and procedures for automotive, aviation, fleet, and industrial services. HECAT<sup>®</sup> products are designed to be an integral part of any proper air conditioning, automatic transmission, engine cooling, and system decontamination, reconditioning, and repair process. For a clearer insight into the company's products, processes, patents, technology, and applications; visit the website at [www.hecatinc.com](http://www.hecatinc.com), e-mail [tech-info@hecatinc.com](mailto:tech-info@hecatinc.com), or call 800-380-9501.