



U.S. Department of Energy's ARPA-E Energy Innovation Summit to Highlight SLIPS Technologies' Highly-Repellent Slippery Surfaces

SLIPS also selected to present at two highly competitive sessions, one for leaders on Capitol Hill and one focused on future high-impact energy solutions

CAMBRIDGE, MA—February 4, 2015—SLIPS™ Technologies, Inc. today announced the company's award-winning set of technologies will be showcased at the U.S. Department of Energy's Advanced Research Projects Agency-Energy's (ARPA-E) Energy Innovation Summit. The Summit brings together the best minds in business, academia, and government to advance ground-breaking technologies that can fundamentally change the way we generate, store and use energy. The 2015 Summit will be held February 9-11 at the Gaylord Convention Center, just outside of Washington, DC.

SLIPS Technologies has also been selected for two prestigious sessions at the Energy Innovation Summit. One is a small technology showcase being held on Capitol Hill in conjunction with the ARPA-E Summit. Only six awardees out of hundreds supported by ARPA-E were selected to display their cutting-edge technologies for members of Congress. The second is a coveted slot before the Future Energy pitch panel. Only 7 companies were selected from over 130 companies to pitch their energy innovations to a panel of industry investors.

SLIPS Technologies is the leader in providing customized solutions for sticky problems in any material. The company creates highly-repellent lubricant-lined slippery surfaces for a wide range of applications and industries. The company's ground-breaking technology platform and its years of know-how were created at the Harvard University School of Engineering and Applied Sciences and the Wyss Institute for Biologically Inspired Engineering. ARPA-E has supported the development of SLIPS because there are multiple applications where SLIPS can result in energy savings – for example:

- Refrigeration coils: SLIPS shortens de-icing time significantly thereby reducing energy requirements during de-icing cycles by roughly 40%
- Water treatment aeration membranes: SLIPS delays the build-up of fouling and this results in lower backpressure which in turn reduces energy consumption
- Marine vessels: SLIPS shows promise as a non-toxic marine anti-fouling surface. Fouling on ship hulls increases drag and can increase fuel consumption by 25%+

“It is an honor not only to showcase our technology at the Energy Innovation Summit but also to be selected as one of only 6 teams to demonstrate our revolutionary approach to leaders on Capitol Hill and in the investing community,” said Dr. Joanna Aizenberg who co-founded the company and chairs its Scientific Advisory Board. “We see a wide range of high-impact energy applications for SLIPS and look forward to continuing our conversations with ARPA-E and leaders from the Department of Energy to ensure that SLIPS can realize its full potential in various energy-saving technologies.”

SLIPS is based on a fundamentally different conceptual approach pioneered by Dr. Joanna Aizenberg, a founding core faculty member of the Wyss Institute and the Amy Smith Beryllson Professor of Materials Science at Harvard University. Aizenberg and her team established a broad intellectual property portfolio based on a range of innovative approaches to create different types and classes of slippery surfaces. This revolutionary technology opened a new field in materials science, has received numerous industry awards and has been adopted by various research teams worldwide.

“Energy reduction and conservation are priorities for the SLIPS team,” said Daniel Behr, CEO of SLIPS Technologies. “Because our slippery surfaces are designed to repel almost anything (biofilms, chemicals, ice, blood, water, oil, insects) we are confident in the broad commercial applications for SLIPS, including those that will have significant impact on energy efficiency.”

The Advanced Research Projects Agency–Energy (ARPA-E) catalyzes the advancement of transformational energy technologies to enhance the economic and energy security of the U.S. by investing in high-potential, high-impact energy projects that are too early for the private sector. Launched in 2009, ARPA-E explores uncharted territories of energy technology to generate options for entirely new paths to create, store and use energy. Learn more at www.arpa-e.energy.gov.

SLIPS recently launched with a \$3 million Series A financing, led by BASF Venture Capital, to commercialize its portfolio of pioneering and award-winning slippery surfaces technologies.

About SLIPS™

SLIPS (Slippery Liquid-Infused Porous Surfaces) is a pioneering and award-winning set of technologies that transform the surface of any solid material into a microscopically thin and ultra-smooth immobilized “sea” of lubricant. The result is a robust and self-healing super-slippery surface that is highly repellent to virtually any substance such as crude oil, cement, water, ice, blood, biofouling, chemicals, paints, oils, and insects. Materials including metals, plastics, optics, textiles and ceramics can be SLIPS-enabled cost-effectively and with simple manufacturing techniques, thus allowing SLIPS to be practical for a broad range of applications and industries.

About SLIPS™ Technologies, Inc.

SLIPS Technologies is the leader in providing customized solutions for sticky problems in all materials. We create highly-repellent slippery surfaces for customers in a wide range of applications and industries. Our portfolio of pioneering and award-winning technologies was created at the Wyss Institute for Biologically Inspired

Engineering and the Harvard University School of Engineering and Applied Sciences.

www.slipstechnologies.com.

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