

For Immediate Release

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Nantero, Inc. Announces Collaboration with ASML Compatibility of Nanotube Processes with ASML Equipment Proven

Woburn, MA – Sept. 2003: Nantero announced today a collaborative project with ASML Holding NV to demonstrate compatibility between its nanotube materials and processes and ASML's industry-leading semiconductor equipment. The project has been ongoing since early 2003 in ASML's research fab with a joint team from Nantero and from ASML's Special Applications Group. The project has already demonstrated that ASML's equipment is fully capable of handling nanotubes using Nantero protocols and of carrying out Nantero's new manufacturing steps without any modifications. One of the wafers created during the project contains 10 billion suspended nanotube junctions, with each junction area comprised of multiple nanotubes. Nantero's proprietary NRAM™ design uses suspended nanotubes as memory bits, with the up position representing a "zero" and then bending them down into contact with the surface below to represent a "one".

Dr. Brent Segal, co-Founder and Chief Operating Officer of Nantero, stated that, "Nantero selected ASML due to its advanced lithography capabilities and the strong R&D capabilities and team of the Special Applications Group, which helps keep ASML on the leading edge of its industry. Nantero has developed a completely CMOS-compatible manufacturing process for NRAM™, and this project has helped to prove that the process is achievable using popular lithography equipment such as ASML's."

"Working with Nantero's nanotube materials and processes was straightforward. Our joint team was able to achieve results within weeks of beginning the project. ASML looks forward to seeing how the methods and technologies will develop and integrate in volume production environments," said Norbert Kappel, vice president, marketing, ASML Special Applications. Greg Schmergel, Nantero's co-founder and CEO, added, "We are pleased to be working with an industry leader of ASML's caliber and plan to continue to work with them well into the future."

About ASML

ASML is the world's leading provider of lithography systems for the semiconductor industry, manufacturing complex machines that are critical to the production of integrated circuits or chips. Headquartered in Veldhoven, the Netherlands, ASML is traded on Euronext Amsterdam and NASDAQ under the symbol ASML.

About Nantero

Nantero is developing **NRAM™** – a high-density nonvolatile random access memory chip using nanotechnology. The company expects to deliver a product that will replace all existing forms of memory, such as DRAM, SRAM and flash memory, with a high-density nonvolatile RAM – 'universal memory.' For more information on Nantero, Inc. contact SGN Public Relations & Marketing at Suzanne@nantero.com