For Immediate Release

Nantero's Dr. Thomas Rueckes Garners Awards and Acknowledgements

Company on Track for NRAM Development

Woburn, MA –February 2004: Nantero, Inc., a company that is currently developing **NRAM**™ –a high-density nonvolatile random access memory chip using nanotechnology--, announced today that Dr. Thomas Rueckes, its Chief Scientific Officer and Co-founder, was recently awarded the prestigious World Technology Pioneer Award from the World Economic Forum. The World Economic Forum selects 30 to 50 companies worldwide each year to be Technology Pioneers in the fields of Information Technology, Energy/Enviromental Technology and Biotechnology. Previous winners include the co-founders of companies such as Google, Monster.com, Danger, Inc., and NVIDIA. The criteria used to select the Technology Pioneers include: Innovation, Potential Impact, Growth and Sustainability, Proof of Concept, Leadership, and Status.

Dr. Rueckes was also recently honored as one of the five finalists for the 2003 Feynman Prize in Nanotechnology awarded by the Foresight Institute, in the Experimental category. Previous winners of the Feynman Prize in Nanotechnology include Charles Lieber (Harvard University), Chad Mirkin (Northwestern University) and Phaedon Avouris (IBM).

While at Harvard University, Dr. Rueckes came up with a concept for using carbon nanotubes as nanoelectromechanical devices to store data, a brand new direction for the use of this material. He was the first author of the influential paper in Science -- "Carbon Nanotube-based Nonvolatile Random Access Memory for Molecular Computing," [*Science* **289**, 94 (2000)], one of the Top 3 most-cited papers in the field of chemistry during 2002 (ISI Hot Paper Database).

After co-founding Nantero, Inc., he led a team of highly qualified scientists and engineers in turning the concept into reality and has hit multiple major milestones, including creating Gigabit prototype device arrays and developing a manufacturing process for the new memory device that is fully compatible with existing semiconductor factories.

The proprietary manufacturing approach will enable for the first time the ultra-large scale integration (ULSI) of carbon nanotube-based devices in a deep sub-micron semiconductor fabrication line. In the near future, these innovations will allow NRAM™ to be one of the first mass manufactured nanotechnology products.

"Tom is a leader not only for his creative scientific insight, but also in turning nanotechnology from scientific concept into a commercial product," said Greg Schmergel, Co-founder and CEO of Nantero, Inc.

About Nantero, Inc.

Nantero is currently 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.' The potential applications for the nonvolatile RAM Nantero is developing add up to over $100B in revenue potential, including the ability to enable instant-on computers and to replace flash memory in devices such as MP3 players, digital cameras, and PDAs, as well as applications in the networking arena. For more information on Nantero, Inc. please visit www.nantero.com