

Press Release

Infinitesima Ltd. Announces debut of VideoAFM™ at Nanotech 2005

Oxford, United Kingdom, 21st April, 2005 – Infinitesima Ltd., maker of the VideoAFM™, the world's first video-rate atomic force microscope, announced today that it will be debuting the VideoAFM™ to a worldwide audience at the Nanotech 2005 trade and technology show, May 10th and 11th, in Anaheim, California.

The VideoAFM™ is the first atomic force microscope that is capable of delivering real-time images at video frame rates. With imaging rates up to 1000 times faster than conventional AFMs, the VideoAFM™ allows users to view and interact with molecular processes in real time. It can deliver full video at frame rates of 15 and 25 frames per second. The VideoAFM™ can view areas of 3µm by 3µm, with the viewing area able to be scanned across a surface in realtime.

The VideoAFM™ works in conjunction with existing AFM's without affecting their functionality. The VideoAFM™ also allows large surface areas to be explored before selecting features of interest for a more detailed investigation.

Research in the areas such as polymer processes and biotechnology will be transformed by the VideoAFM™. Researchers will be able view processes not previously observed. This technology will help unlock new areas in nanotechnology process development, facilitating the advancement of new markets.

Dr. Andrew Humphris, Chief Technology Officer and founder of Infinitesima commented, "The VideoAFM™ is the result of years of research and was designed around the needs of scanning probe microscopists. Several advancements in scanning probe technology have allowed its existence. We have already seen researches making use of the video capability, but have only scratched the surface with respect to the capabilities of the instrument. I expect the VideoAFM™ to enable exciting breakthroughs in nanotechnology."

About Infinitesima

Infinitesima is a spin-out from the University of Bristol, UK. The company is located in central Oxford at the Oxford Centre for Innovation. Infinitesima Ltd. specialises in developing advanced products for Scanning Probe Microscopy, the key enabling tools for nanotechnology. Additional information about Infinitesima Ltd. can be found at www.infinitesima.com.