

PRESS RELEASE

The NanoWizard®II makes an impression in France – renowned research institute chooses the new generation NanoWizard®II BioAFM from JPK Instruments

Berlin, October 19th, 2006 - The new NanoWizard®II instrument, the next generation of atomic force microscope (AFM) for Soft Matter and Life Sciences, has been selected by the Bionanotechnology platform of the recently launched Institute of Advanced Technology for Life Sciences (ITAV) in Toulouse. The Instrument will be hosted by LAAS-CNRS (Centre National de la Recherche Scientifique), the LAAS belongs to one of the most important scientific institutions in France, part of a worldwide network of the most respected names in fundamental scientific research.

The Nano group at LAAS, led by Professor Vieu, is focused on discovering new processes for achieving intelligent interconnections between “bottom-up” systems like molecules or self-assembled particles and microelectronic devices or microsystems. The JPK NanoWizard®II AFM will be used for the nanobiotechnology research programs of ITAV, where an instrument was required that could offer both the top performance in high resolution and stability needed for single molecule and nanoparticle imaging, along with the full flexibility for bio and optics experiments. The JPK NanoWizard®II instrument clearly led the field for this powerful combination, covering the range from physics to biology experiments.

JPK Instruments is the manufacturer of the leading AFM for BioApplications, the NanoWizard®, and a worldwide leader in transferring the latest AFM technology advances to an instrument that is seamlessly integrated with inverted optical microscopes and fully equipped for all measurements in liquid environments. The ITAV joins over 100 well-known scientific facilities worldwide who use the JPK Instruments system for challenging research projects. Both the ITAV and JPK Instruments will benefit from the new close cooperation partnership, with ITAV and LAAS making its facilities available to JPK to present the NanoWizard®II to interested scientists, and JPK making additional instruments available for events such as the Summer school on Nanopatterning organized in Toulouse. This is in addition to the customer applications and development assistance and training through dedicated applications scientists and engineers that all JPK Instruments customers receive.

The NanoWizard®II provides leading closed-loop performance and easier handling in the complex applications down to the subnanometer level. Designed for use in liquid or gas, the highly sensitive tip-scanning system sets the new peak performance level for high resolution imaging, force spectroscopy, nanomanipulation and lithography.

About JPK Instruments AG:

JPK Instruments AG is a leading manufacturer of nanoanalytic instruments - particularly atomic force microscope (AFM) systems - for research in life sciences and soft matter. One of Germany's most innovative nanotechnology companies, JPK was among the first to recognize the revolutionary opportunities this new field would open up for biomedical and pharmaceutical research. From the beginning, JPK has tailored its instrument platforms to meet the challenges these areas would face. JPK has developed powerful state-of-the-art solutions for high-resolution imaging, force measurement, nanomanipulation and nanolithography for life science applications. At the center of JPK's current portfolio are the BioAFM NanoWizard®, the CellHesion® module (for studying cell adhesion and cell mechanics phenomena), and the TAO module (for use in optical spectroscopy). The secret of JPK's success is its high level of application expertise and its close interaction with leading scientists and research centers in nanotechnology. Founded in 1999, the company is headquartered in Berlin and maintains a global network of distributors and support centers. In 2005 it launched nAmbition GmbH, a Dresden subsidiary specializing in the development of nano instruments for application in molecular medicine and pharmaceutical research. In August 2006, this was followed up by the 100% acquisition of Ipi light power instruments GmbH, which is focussing on the development of optical nano-instrumentation for life science applications in research and industry.

Contact

Dr. Gabriela Bagordo
Communication Manager
bagordo@jpk.com

www.jpk.com

JPK Instruments AG
Bouchéstr. 12
D-12435 Berlin
Tel.: +49-(0)30-5331-12541
Fax: +49-(0)30-5331-22555