

A nanotechnology company from Munich at the opening day of the NanoVision Centre in London

attocube systems supports the manufacture of a state-of-the art microscope unit

London, January, 9th 2008. - attocube systems AG, one of the leading suppliers for low temperature scanning probe microscopes, is amongst the sponsors of the Queen Mary's NanoVision Centre where existing microscopy techniques are combined in unique ways for the first time in the UK.

Queen Mary's NanoVision centre was formally launched on Wednesday, 9 January 2008, by Professor Nigel Brown, Director of Science and Technology at the Biotechnology and Biological Sciences Research Council (BBSRC) - an event which has been widely covered by British and international mass media.

As the NanoVision centre and attocube systems have developed a scanning force microscope (SFM) that fits inside a FEI Quanta 3D ESEM System, attocube system took also part in the opening event as a sponsor.

Such combinations of scanning probe and electronic microscopy techniques enable the scientists to examine the behaviour of complex systems such as biological tissues in conditions close to their natural state. For instance, this state-of-the-art microscopic unit supports medical researchers in revealing the interactions of chromosomes in the nucleus of cancer cells; investigating how bacteria invade cells in infectious diseases; and watching nano-particles being absorbed by nerve cells. The development of such an instrument demonstrates attocube systems' goal to provide the instrumentation which helps to overcome the barriers in science, and to explore new opportunities in scientific research.