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ANDOR'S NEW TECHNOLOGY iCAM "SOUPS UP" IT'S EMCCD MICROSCOPY CAMERAS

Belfast, N. Ireland, September 2007.....

Andor Technology has just announced the launch of its new iCam technology, a combined firmware and software innovation that has been incorporated into Andor's EMCCD imaging cameras. iCam technology encompasses a set of unique innovations that empower the EMCCD camera to operate with complete acquisition efficiency through multi-dimensional microscopy softwares, showcased to great effect through their own iQ imaging suite. iCam technology will now be offered as a standard feature across iXon^{EM+} and Luca^{EM} product lines.

iCam offers enhanced performance for acquisitions whether software triggered or hardware (externally) triggered, with absolute minimal overheads. It offers next-generation EMCCD performance during tightly synchronized and complex multi-dimensional microscopy experiments, and delivers up to factor x2 faster frame rates than other prominent EMCCD brands.

Market Development Manager Dr. Colin Coates says "We are delighted to be able to offer this enhanced performance as a standard feature in our microscopy cameras, as a further boost to what are already the highest performing EMCCDs on the market. We constantly monitor customer feedback and the ability to zoom through acquisition protocols was a clear requirement from the microscopy market. iCam is the result of 12 months of work, further enhancing the performance of our world class cameras and imaging software. iCam allows for faster frame rates in software by using dedicated timing patterns that eliminate unnecessary overhead times. This, alongside state of the art bi-directional communication between camera and PC, facilitates unparalleled tight synchronization with other peripheral equipment such as filter wheel, laser-AOTF or z-stage."

Colin continues "A novel 'Ring Mode' offers the capacity to use up to 16 different timing patterns uploaded into the camera head, thus trigger events can yield virtually instantaneous switching between exposure channels".

"We really feel that this innovation will take the microscopy market by storm. We will offer it as standard in all new Luca^{EM} and iXon^{EM+} cameras, and we will offer upgrades to existing customers who want to take advantage of the improvements. Significantly, this advance also directly improves the already market-leading performance of our own Revolution spinning disk confocal microscopy system".

-ENDS-

For further information please contact :-

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Notes to editors:

Andor Technology (www.andor.com) is at the forefront of developing and manufacturing instruments for the global spectroscopy and scientific imaging markets.

The company's range of CCD and intensified CCD camera systems are used throughout the world for academic, industrial and government research across a wide range of fields such as biotechnology, physics and chemistry. Using Andor products these customers can break new ground by performing experiments that were previously considered impossible. Independently conducted customer research confirms that Andor's low light solutions are considered world beating.

Established in 1989, Andor's Corporate Headquarters are in Belfast, Northern Ireland. Operating in a global market, Andor's US Headquarters opened in Connecticut in 1997. Andor has regional sales offices in Europe and the US. Andor Japan, established in August 2000, handles the company's Asia / Pacific Operations. More recently in December 2006, the company opened its first representative office in Beijing, China.

Andor sells its products globally to academic, research and OEM markets directly, through distributors and value added resellers.

The company successfully listed onto the London Stock Exchange's AIM market and commenced dealings in its Ordinary Shares in December 2004 (AND).