



## **PerkinElmer Signs Exclusive Licensing Agreement with Max Planck Innovation for Silicon Photomultiplier (SiPM) Technology**

WALTHAM, Mass., Aug 18, 2009 (BUSINESS WIRE) -- PerkinElmer, Inc., a global leader focused on improving the health and safety of people and the environment, today announced that it has entered into an exclusive agreement with Max Planck Innovation, the technology transfer organization of the Max Planck Society, for the licensing of its ultra-fast, low cross-talk solid state silicon photomultiplier (SiPM) technology.

SiPM offers very high photon detection efficiencies, ultra-short response time and extremely low power consumption, making it applicable to a variety of low light level (LLL) applications. The technology was initially developed by a group led by Professor Boris Dolgoshein from the Moscow State Engineering Physics Institute (MEPhI), and further advanced through the cooperation of MEPhI and Professor Masahiro Teshima and Dr. Razmik Mirzoyan from the Max Planck Institute for Physics in Munich.

"This innovative SiPM technology from the Max Planck Society shows promise for several important human and environmental health applications," said Michael Ersoni, vice president and general manager of PerkinElmer's global detection business. "This licensing agreement complements and enhances PerkinElmer's industry-leading portfolio of photon detection solutions. With access to Max Planck's SiPM technology, PerkinElmer is further positioned to serve applications including positron emission tomography (PET) diagnostic scanning and a variety of analytical fluorescence applications."

PerkinElmer's photon detection solutions include Si and InGaAs avalanche photodiodes (APDs) and PIN photodiodes for high performance applications as well as channel photomultipliers for molecular detection in analytical applications and clinical diagnostics.

"As a world leader in photon detection, PerkinElmer is an ideal industrial partner for licensing our SiPM technology. PerkinElmer has the experience and the global reach needed for introducing the SiPM technology to a variety of fast-moving markets to help advance both human and environmental health," said Dr. Bernd Ctordecka, patent and license manager, Max Planck Innovation GmbH.

PerkinElmer is a leading innovator in infrared sensing and photon detection technologies for a range of OEM applications that contribute to a healthier, cleaner and safer tomorrow. For more information on PerkinElmer's detection solutions, please visit: <http://www.perkinelmer.com/sensors>

About PerkinElmer, Inc.

PerkinElmer, Inc. is a global leader focused on improving the health and safety of people and the environment. The Company reported revenue of approximately \$2 billion in 2008, has around 8,500 employees serving customers in more than 150 countries, and is a component of the S&P 500 Index. Additional information is available through [www.perkinelmer.com](http://www.perkinelmer.com) or 1-877-PKI-NYSE.

About Max Planck Innovation

Max Planck Innovation advises and supports scientists of the Max Planck Society in evaluating inventions and filing patent applications. Max Planck Innovation markets patents and technologies to industry and coaches founders of new companies based on research results from Max Planck Institutes.

Every year, Max Planck Innovation evaluates about 150 inventions, of which about half lead to the filing of a patent application. Since 2000, Max Planck Innovation advised about 50 spin-offs, closed more than 700 license deals and generated proceeds of more than 140 million Euros for inventors, institutes and the Max Planck Society. As a result, Max Planck Innovation is among the world's most successful technology transfer organizations. In June 2008, it was honored for outstanding achievement in developing technology transfer and licensing with the IPTEC International Technology Transfer Award.

Max Planck Innovation was founded in 1970 as Garching Instrumente GmbH and operated under the name of Garching Innovation from 1993 to 2006.

SOURCE: PerkinElmer, Inc.

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