

## **FOR IMMEDIATE RELEASE**

### **Photon Kinetics and Genia Photonics Announce 850 nm Fiber Laser for High Resolution Differential Mode Delay Measurements**

**Anaheim, California, March 19, 2013** – Photon Kinetics is pleased to announce that a co- development effort with Genia Photonics (Laval, Quebec, Canada) has achieved its goal of producing a high performance 850 nm fiber laser, specifically designed for high resolution measurement of multimode fiber differential mode delay (DMD).

As a key component of the Photon Kinetics 2500 Optical Fiber Analysis System, the new laser will produce the very short optical pulses that up to now have only been obtainable from Ti:Sapphire solid state lasers. The new, mode-locked fiber laser is extremely stable and its novel design greatly reduces or even eliminates issues commonly associated with Ti:Sapphire lasers such as the need to constantly monitor output power, and to install the laser in a highly controlled environment with restricted access.

“Many manufacturers of high bandwidth multimode fibers need to be able to measure DMD on lengths of OM4 and other multimode fibers as short as 100 meters. Up to now, this has only been possible with measurement systems that utilize Ti:Sapphire lasers.” said Casey Shaar, Chief Technology Officer of Photon Kinetics. “This new fiber laser developed with Genia Photonics produces short, spectrally narrow pulses comparable to a Ti:Sapphire laser, but it does so without the significant safety and stability issues that can be very problematic for our customers who need to perform DMD measurements on the production floor.”

Joseph Salhany, Vice President of R&D and Product Management at Genia Photonics added, “We were excited to work with Photon Kinetics on this project as it presented an opportunity for us to demonstrate the versatility and capability of our unique technology in a new test and measurement market. Photon Kinetics is clearly the recognized leader in optical fiber test and we are pleased to deliver a solution that we believe will help them to maintain that market position.”

The PK/Genia 850 nm fiber laser will be available exclusively from Photon Kinetics for the optical fiber differential mode delay measurement application, and will be offered as part of the High Resolution SMLDMD Option for the 2500 Optical Fiber Analysis System.

## **About Photon Kinetics**

Founded in 1979, Photon Kinetics is the leading supplier of measurement solutions for the optical fiber, cable and component manufacturing industry. The company offers a comprehensive portfolio of optical fiber testing solutions ranging from fiber preform analyzers to characterization systems for critical fiber geometry and transmission parameters. Additionally, Photon Kinetics provides a complete line of products that reduce the overall cost of fiber measurements by facilitating the time-consuming fiber preparation and handling activities.

Photon Kinetics also supplies measurement technology to the manufacturers of optical transmission systems, network monitoring and field test equipment; and it provides industry standard fiber cleaving technology to the manufacturers of high performance fiber optic components and installation/maintenance equipment.

For more information about Photon Kinetics or any of their products and services, please visit <http://www.pkinetics.com/>.

## **About Genia Photonics**

Founded in 2009, Genia Photonics is an innovative company specializing in advanced high-speed picosecond fiber-based lasers, and molecular spectroscopic and imaging systems. Leveraging their patented fiber-based laser technology, Genia Photonics' product families offer many benefits including ease of use, portability, stability, and speed. As well, the laser systems can be operated and controlled very easily through an intuitive graphical user interface (GUI) running off a PC. Genia Photonics' products are addressing the many needs of the biomedical, industrial process, and the defense and security sectors.

For more information about Genia Photonics or any of their products and services, please visit our website at <http://www.geniaphotonics.com/>.

## **Contact**

Dave Kritler, Marketing Manager, + 1 503 526 4655,  
dave.kritler@pkinetics.com