



April 14, 2014

EMCORE Receives Compound Semiconductor's 2014 CS Industry Award for Terahertz Systems Technology

ALBUQUERQUE, N.M., April 14, 2014 (GLOBE NEWSWIRE) -- EMCORE Corporation (Nasdaq:EMKR), a leading provider of compound semiconductor-based components and subsystems for the fiber optics and space solar power markets, announced today that it has received Compound Semiconductor's 2014 CS Industry Award as a joint winner with Lake Shore Cryotronics in the metrology, test and measurement category for EMCORE's terahertz systems technology designed into the Lake Shore 8500 Series Terahertz (THz) System for Material Characterization.

The award was presented on March 18th at the CS International Conference in Frankfurt, Germany. The CS Industry Awards recognize success and innovation in several categories of the compound semiconductor industry from research to completed product, with a focus on technical expertise, processes and products that propel the industry forward.

EMCORE began its collaboration with Lake Shore Cryotronics to enhance terahertz technology for electronic materials research in January of 2012, and entered into an OEM agreement in September of that year for EMCORE to supply an OEM version of its PB7200 Portable Frequency Domain Terahertz (THz) Spectrometer. Lake Shore worked with EMCORE's fiber optics researchers in Alhambra, CA on the development of the system's variable frequency Continuous Wave (CW) THz spectrometer for cryogenic and magnetic applications.

"The Lake Shore system addresses the challenge faced by semiconductor developers who want to explore the THz-frequency properties of emerging bulk and thin film semiconductors, organic electronics and oxides," said Scott Yano, VP of Product Development at Lake Shore. "The system is unique because it offers researchers an affordable, fully integrated hardware/software platform for characterization of these materials in a high-field cryostat at frequencies within the so-called THz gap."

"Lake Shore is a valued and strategic partner supporting a critical element of EMCORE's terahertz systems research and development," said Dr. Joseph Demers, Director of Advanced Photonics for EMCORE. "We are honored to receive this joint award with Lake Shore and look forward to our continued collaboration as we expand the THz market with higher value, lower cost turnkey system solutions," added Dr. Demers.

EMCORE's PB7200 Portable Frequency Domain Terahertz (THz) Spectrometer represented a breakthrough in the THz field when first introduced in 2011, being the first truly economical terahertz spectrometer available. EMCORE's THz technology can sweep from 100 GHz to over 2.0 THz in a single rapid scan, and supports single frequency or broadband frequency range operation in specific spectral regions of interest with varying degrees of resolution. EMCORE continues to develop its PB7000 THz platform with recent investments in THz photo-mixer manufacturing and ongoing research and development with Lake Shore.

EMCORE will be demonstrating its THz systems capabilities at the Defense, Security & Sensing (DSS) show in booth #861, May 6-8 at the Baltimore Convention Center, Baltimore, Maryland.

About EMCORE

EMCORE Corporation offers a broad portfolio of compound semiconductor-based products for the fiber optics and space solar power markets. EMCORE's Fiber Optics business segment provides optical components, subsystems and systems for high-speed telecommunications, Cable Television (CATV) and Fiber-To-The-Premise (FTTP) networks, as well as products for satellite communications, video transport and specialty photonics technologies for defense and homeland security applications. EMCORE's Solar Photovoltaics business segment provides products for space power applications including high-efficiency multi-junction solar cells, Coverglass Interconnected Cells (CICs) and complete satellite solar panels. For further information about EMCORE, visit <http://www.emcore.com>.

About Lake Shore Cryotronics, Inc.

Supporting advanced research since 1968, Lake Shore (<http://www.lakeshore.com>) is a leading innovator in measurement and control solutions for materials characterization under extreme temperature and magnetic field conditions. High-performance product solutions from Lake Shore include cryogenic temperature sensors and instrumentation, magnetic test and measurement systems, probe stations, and precision materials characterizations systems that explore the electronic and

magnetic properties of next-generation materials. Lake Shore serves an international base of research customers at leading university, government, aerospace, and commercial research institutions and is supported by a global network of sales and service facilities.

Forward-looking statements:

The information provided herein may include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements include statements regarding EMCORE's expectations, goals or intentions, including, but not limited to, financial performance, production schedules, expected customer sales, product features and their benefits, product quality and product performance. These forward-looking statements are based on management's current expectations, estimates, forecasts and projections about EMCORE and are subject to risks and uncertainties that could cause actual results and events to differ materially from those stated in the forward-looking statements. Risks and uncertainties that could cause EMCORE's actual results to differ from those set forth in any forward-looking statement are discussed in more detail in EMCORE's SEC filings available at www.sec.gov, including under the headings "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations." Forward-looking statements contained in this press release are made only as of the date hereof, and EMCORE undertakes no obligation to update or revise the forward-looking statements, whether as a result of new information, future events or otherwise.

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