

CIRTEMO

For Immediate Release

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PIXELTEQ and CIRTEMO to showcase Multivariate Optical Element Hyperspectral Imaging Demonstration at Electronic Imaging 2016

Columbia, S.C. – January 20, 2016 - Multivariate Optical Element innovator, CIRTEMO, announced today that PIXELTEQ will showcase a Multivariate Optical Element hyperspectral imaging demonstration at Electronic Imaging 2016 in San Francisco February 16-17, 2016. The 2016 IS&T International Symposium on Electronic Imaging (EI 2016) will be held at the Hilton San Francisco Union Square in San Francisco, California, 14-18 February 2016.

“CIRTEMO’s Multivariate Optical Element platform is very complementary to PIXELTEQ’s Spectrocam™ and Pixelcam™ technology platforms.” said Marco Snickers, Vice President Sales and Marketing at PIXELTEQ. “From defense to medical to precision agriculture applications, Multivariate Optical Elements can enable hyperspectral imagers and point detection sensors to achieve superior performance compared to more traditional optical filter configurations.”

CIRTEMO designs and manufactures patented optical filters, called Multivariate Optical Elements, which are encoded to detect/measure complex chemical compounds and attributes. Its patented Multivariate Optical Element platform enables optical systems, to perform high value detection and analysis at the speed of light, to a variety of industries. Multivariate Optical Elements are ideally suited for point detection sensors and hyperspectral imaging systems.

During the Electronic Imaging 2016 conference, CIRTEMO Chief Technology Officer, Dr. Ryan Priore, will be at the PIXELTEQ demonstration to provide a technology overview of how companies and end users can leverage the patented Multivariate Optical Element and Pixelated platforms for advanced hyperspectral imaging applications. The hyperspectral imaging demonstration will feature CIRTEMO’s Multivariate Optical Element platform, PIXELTEQ’s Spectrocam kit, and, Raptor Photonic’s Owl 640 camera integrated with SCD’s InGaAs sensor. The 2016 Electronic Imaging Demonstration Session will be held at the Hilton San Francisco, Union Square Hotel, February 16, 2016 from 5:30-7:30 pm.

“Our goal for teaming with PIXELTEQ is to help our partners and customers understand how hyperspectral systems can be combined with Multivariate Optical Elements to provide high value chemical information in real-time.” said Jason Williamson, CIRTEMO founder. “Multivariate Optical Elements can optimize the performance of traditional hyperspectral systems and in some cases reduce

post processing and data storage by up to two hundred times. This is a game changer for companies and end users developing hyperspectral imaging systems for industrial, defense, agricultural and life science applications.”

CIRTEMO primarily partners with Optical Filter Manufactures (OFMs) and Optical Component and System Manufacturers (OCSMs). The Multivariate Optical Element platform allows OFMs and OCSMs to differentiate their offerings with a well-protected IP position and enable their customers to tackle new applications that are not possible with traditional optical filters and coatings.

CIRTEMO is the second company to be founded to commercialize the patented Multivariate Optical Element platform that was invented by Dr. Michael Myrick at the University of South Carolina. Prior to founding CIRTEMO, Jason Williamson founded Ometric in 2005. Ometric successfully commercialized the Multivariate Optical Element platform in a wide variety of large industrial sectors, including pharmaceuticals, chemicals, pet nutrition, mining, food and many others. The company was sold to Halliburton in 2011. Although the exact sale price of Ometric is considered confidential, Halliburton paid more than eight figures (\$XXM) for the company, and the transaction generated the largest royalty payment in history ever paid to the University of South Carolina (\$2.7M).

About CIRTEMO

CIRTEMO designs and manufactures patented optical filters, called Multivariate Optical Elements, which are encoded to detect/measure complex chemical compounds and attributes. CIRTEMO’s patented Multivariate Optical Element platform enables optical systems to perform high value detection and analysis at the speed of light, to a variety of industries, including life sciences, pharmaceuticals, chemicals, medical devices, agriculture, food and beverage, Semiconductors, pet nutrition, environmental, plastics, and multiple cleantech applications. For more information, visit www.cirtemo.com or call 803-467-4189.

About PIXELTEQ:

PIXELTEQ provides micro-patterned spectral filters, sensors, and cameras – helping users shrink multi-wavelength devices into a single package, enable new optical features, and deliver application-specific sensors and cameras. Leveraging comprehensive know-how in thin film coating, micro-patterning and electro-optical integration, PIXELTEQ’s specialists collaborate with client teams to provide expert design assistance and custom-engineered solutions from rapid prototyping through high-volume OEM production. PIXELTEQ is a subsidiary of Halma plc, an international market leader in safety, health and environmental technology.

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