Raman Spectroscopy for Research and Industry

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Join us for a Webinar on June 24

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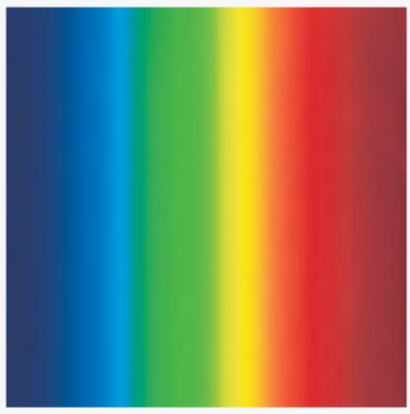

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Free Webinar

David J. Brady, Duke University

"Computational and Compressive Raman Spectroscopy"

"Computational" Raman spectroscopy codes illumination and detection to improve quantum efficiency, enable feature-specific measurement and reduce system size, weight, power and cost. This talk reviews coded aperture, multiwavelength and diffuse illumination Raman system design for ultraviolet, visible and SWIR systems. Brady will also discuss compressive sampling for infrared Raman spectroscopy.

David J. Brady is the Michael J. Fitzpatrick Endowed Professor of Photonics at Duke University, where he leads the Duke Imaging and Spectroscopy Program. Brady was awarded the 2013 SPIE Dennis Gabor Award in recognition of his "development of compressive holographic and tomographic imaging systems." Brady is a graduate of Caltech and was on the faculty of the University of Illinois in Urbana-Champaign before joining Duke in 2001. Brady is the author of "Optical Imaging and Spectroscopy," and is a Fellow of IEEE, SPIE and OSA.

Dr. Prasant Potuluri
CEO of Centice

"Review of Key Applications of Raman Spectroscopy"

Raman spectroscopy has grown significantly over the past decade and is being used for a wide range of applications. We will review some of the applications including identification of narcotics and explosives, counterfeit drug detection, quality control, raw material identification and manufacturing process improvements. We will also discuss some limitations of Raman spectroscopy and opportunities for improvements.

Dr. Potuluri has been instrumental in launching multiple products from the company's Raman spectroscopy and coded aperture spectroscopy technologies including the Mobile Field Lab-3000 (MFL), a narcotics identification system. Dr. Potuluri obtained a PhD from Duke University, an MBA from North Carolina State University, an MS from University of Illinois at Urbana Champaign and a bachelor's degree in Engineering Physics from Indian Institute of Technology, Bombay.

Title: *Raman Spectroscopy for Research and Industry*
Date: Monday, June 24, 2013
Time: 1:00 PM - 2:00 PM EDT

After registering you will receive a confirmation email containing information about joining the Webinar.

System Requirements
PC-based attendees
Required: Windows® 7, Vista, XP or 2003 Server

Mac®-based attendees
Required: Mac OS® X 10.6 or newer

Mobile attendees
Required: iPhone®, iPad®, Android™ phone or Android tablet

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