

Webinar

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FREE WEBINAR

An Introduction to Back Illuminated sCMOS Cameras

Join us for a Webinar on Tue, Feb 14, 2017 1:00 PM - 2:00 PM EST

Scientific CMOS (sCMOS) cameras are increasingly becoming detectors of choice for a range of quantitative imaging and spectroscopy applications, from astronomy to biological sciences. This webinar, presented by Princeton Instruments, will give you an overview of sCMOS camera technology and how it compares to CCD, EMCCD and ICCD low light imaging and spectroscopy detectors.

Speaker Ravi Guntupalli, vice president of sales and marketing at Princeton Instruments, will discuss: the key improvements of "back illuminated" sCMOS technology over previous generations; performance criteria of low light detectors; and how to select the optimum detector technology based on your application requirements. The webinar is aimed at both beginners and advanced users of various optical diagnostic techniques.

The latest generation of "back illuminated" sCMOS detectors are able for the first time to provide greater than 95 percent quantum efficiency (QE), similar to CCDs and EMCCDs, as well as low read noise and high frame rates, making them a viable choice for applications requiring low light detector technology.

Guntupalli has been involved in the launch of several low light detector technologies at Princeton including CCD, sCMOS, EMCCD and intensified CCD (ICCD), both as vice president of sales and marketing and in his previous role as product manager. He continues to work closely with end users and integrators to match the best low light detector technology to their applications. He received his Master's degree in Biomedical Engineering from the University of Akron.

Princeton Instruments provides state-of-the-art CCD, sCMOS, ICCD, EMCCD, emICCD, X-Ray and InGaAs cameras; spectrometers; spectrographs; imaging systems; optics and coatings that are key to the success of your application. The company takes pride in partnering with customers to solve their most challenging problems in unique and innovative ways.

MARK YOUR CALENDAR

Date: Tue, Feb 14, 2017

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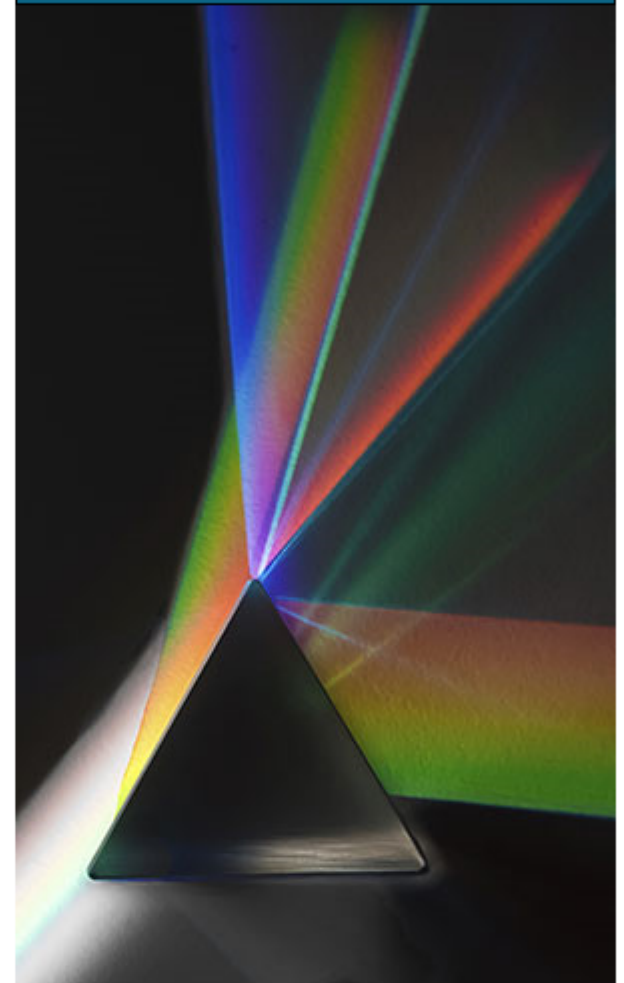
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