Friday, April 19, 2019

WEBINARS

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Quantum Dots Are Making Displays Brighter and Photomedicine Better

Tuesday, April 23, 2019 1:00 PM - 2:00 PM EDT

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About This Webinar

If you are interested in learning how quantum dots are currently used in displays and how the same materials are being engineered to yield even brighter, more efficient, better colors for future displays, this webinar is for you.

Quantum dots (QDs) have become a staple of high-end displays and are finally becoming more mainstream. These tiny particles are vital to creating bright, efficient, and colorful LCDs. QDs are still far from achieving their full potential, however, with the quantum dots in polymer film technology used in TVs today representing only a stepping-stone for QD technology.

In this webinar you will learn about the properties that make QDs so desirable for use in displays, and the types of QD technologies that are most suitable for displays. It will also cover strategies for implementing QDs in displays, challenges facing this technology, and QD-enabled displays in the future.

In addition to displays, the use of EL-QD devices in photomedicine will also be discussed. QDs have seen immense research outside of the display industry, and one primary example is electroluminescent (EL) QD devices for use in photomedicine.

This webinar is sponsored by Radiant Vision Systems. Radiant works with world-class brands and manufacturers to deliver advanced solutions for improving design and inspection of illuminated displays, light sources, and device assemblies. Radiant products include TrueTest Automated Visual Inspection systems for measurement and control, ProMetric Imaging Colorimeters and Photometers, Source Imaging Goniometer systems, lenses for unique applications (near-infrared, AR/VR, view angle), and an extensive machine vision software tool library for production-level measurement and control.

About the presenter:
Peter Palomaki, Ph.D., has helped numerous organizations set up and use QD and nano technologies. He is the owner and chief scientist at Palomaki Consulting, a firm specializing in hands-on assistance to help solve big problems at the nanoscale. He is also the CTO and acting CEO of QLEDCures, an NSF-funded company developing QLED light sources for photomedicine. He uses his deep technical expertise in quantum dots and materials chemistry to improve existing products and develop new technologies.

Palomaki holds a B.S. in chemistry from Muhlenberg College and a Ph.D. in chemistry from Rensselaer Polytechnic Institute. Before starting Palomaki Consulting, he worked as a scientist at QD Vision Inc. and Voxtel Inc. He has experience in a range of technologies including solar cells, photo detectors, LEDs, and fuel cells, in addition to nanomaterials, quantum dots, surface chemistry, and characterization of optical materials.

Who should attend:
This webinar will be especially useful for display and R&D engineers and technicians, product developers, anyone involved in lighting design, and anyone interested in current display technology and future trends in this area. It will also be of interest to researchers, scientists, and clinicians who wish to learn more about photomedicine.

Mark Your Calendar

Date: Tuesday, April 23, 2019

Time: 1:00 PM - 2:00 PM EDT

Space is limited. Reserve your Webinar seat now at: https://attendee.gotowebinar.com/register/1318617202648402689

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

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Required: Windows® 10, 8, 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 tablet, Windows 8 or Windows Phone 8

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- IIoT and the Future of Vision, 6/19/2019 1:00:00 PM EDT

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