

For Immediate Release

Radiant Hosts Live Webinar on Principles of Light and Color Measurement for Product Design and Quality Control

REDMOND, Wash. – February 27, 2020 — Radiant Vision Systems, a leading provider of test and measurement solutions for lighting and displays, announces that it will host a live rebroadcast of its popular educational webinar presenting the background, principles, and applications of light and color measurement methods that simulate human visual perception. The webinar, titled “[Principles of Light and Color Measurement](#),” will be broadcast live on Tuesday, March 10, 2020, from 9 to 10 A.M. PDT (12 to 1 P.M. EDT). The broadcast includes a technical presentation by Radiant Product Manager, Shannon Roberts, followed by a live audience question and answer session.



“Light sources, displays, and illuminated components are all designed with human vision in mind,” says Roberts. “Measurement systems used to control the visual quality of these products should therefore take human vision into account. The sciences of photometry and colorimetry describe standards for measuring human visual perception of light, which are designed into measurement technology to capture and weight the visible wavelengths of light the same way the cones in our eyes do. These photometric systems measure values of light in a mathematical context, allowing manufacturers to set objective design parameters and targets for quality. In other words, photometric measurement systems allow us to determine what a human would say looks like a good or bad quality product, and more precisely measure a range of acceptable tolerances, enabling effective automated visual inspection.”

During the webinar, Roberts will describe how human vision has guided the development of photometric and colorimetric measurement principles. She will present the properties of light, how they stimulate the human eye, and automated technology used to replicate this process for design and quality control of illuminated devices. She will also describe how color values are determined by standard CIE color-matching functions (how to calculate tristimulus values), which can be used in colorimetric applications. Roberts has a thorough knowledge of light and color measurement based on [imaging colorimeters](#), and her understanding of light theory has guided customers in defining technical parameters for display and illuminated component inspection in industries from consumer electronics to automotive.

For information about Radiant’s upcoming webinar and to register for the live broadcast on March 10, visit www.RadiantVisionSystems.com.

SEE THE DIFFERENCE

About Radiant Vision Systems

Radiant Vision Systems works with world-class brands and manufacturers to deliver creative visual inspection solutions that improve quality, reduce costs, and increase customer satisfaction. Radiant's legacy of technology innovation in photometric imaging and worldwide install base date back more than 25 years and address applications from consumer electronics to automotive manufacturing. Radiant Vision Systems product lines include TrueTest™ automated visual inspection software for quality control, and ProMetric® imaging colorimeters, photometers, and light source measurement systems. Radiant is headquartered in Redmond, Washington, USA, with strategic offices in California, Michigan, China, and South Korea. Radiant has been a part of Konica Minolta's Sensing Business Unit since August 2015. For more information, visit www.RadiantVisionSystems.com.

Press Contact:

Shaina Warner
Creative Marketing Specialist
Radiant Vision Systems
+1 (425) 844-0152 x587
Shaina.Warner@RadiantVS.com

###

