

**For Immediate Release**

**Radiant Hosts Live Webinar with Photonics Media to Introduce Fundamental Principles of Light and Color Measurement for Light Source and Display Metrology**

**REDMOND, Wash. – August 12, 2020 —**

Radiant Vision Systems, a leading provider of test and measurement solutions for light sources and displays, announces a new live broadcast of its

popular educational webinar “[Principles and Applications of Light and Color Measurement](#),” organized by [Photonics Media](#) and hosted by the technical staff at Radiant. This introductory webinar will present the basic principles of photometry and colorimetry, which enable automated systems to perform light source and display metrology according to human visual perception. The webinar will be broadcast live on Wednesday, August 19, 2020, from 10 to 11 A.M. PDT (1 to 2 P.M. EDT). The broadcast includes a technical presentation by Radiant Product Engineer, [Jessy Hosken](#), followed by a live question and answer session with Hosken and Radiant Technical Sales Manager, [Ryan Beaty](#).



“Matching human visual response in measurement is especially important when we’re looking at qualifying light sources and displays,” says Hosken. “The human eye is the judge and target market for our illuminated products. It makes sense, then, to measure and test these products the same way the human eye sees them. Not only do the sciences of colorimetry and photometry allow us to acquire meaningful values of light from these types of products — accurately quantifying what we see with our eyes — but they provide a standard, mathematical way to communicate about a device’s brightness, color, and other visual qualities using objective numerical values. If you are a manufacturer of a light-emitting device, you can use these values to characterize a product during design, set pass and fail tolerances for automated quality control, enforce quality standards on components from suppliers, or certify the performance of your product to your customers, among other useful purposes.”

The upcoming webinar will give a basic introduction to the concepts of human spectral sensitivity and photopic response, standard CIE functions and formula, and instruments that apply these scientific methodologies for highly accurate, automated visual inspection. The webinar will describe how an understanding of human visual perception has guided the development of photometric and colorimetric instruments, such as spectrometers and colorimeters. Such equipment is used by manufacturers to objectively evaluate products during design in the lab, on production lines, and in quality control operations.

SEE THE DIFFERENCE

Working on the Radiant product management team, presenter Jessy Hosken has acquired a thorough understanding of light and color measurement using [imaging colorimeters](#) and sophisticated software tools. She received a B.S. in Physics and STS (Science, Technology, and Society) from the University of Puget Sound in Tacoma, WA. Co-presenter Ryan Beaty manages the Application and Solutions Engineering Team at Radiant and understands the intricacies of Radiant’s metrology systems including how to develop within various software frameworks. He received a B.S. in Physics and Astronomy from the University of Washington in Seattle, WA.

For information about Radiant’s upcoming webinar and to register for the live broadcast on August 19, visit [www.RadiantVisionSystems.com](http://www.RadiantVisionSystems.com) or [www.Photonics.com](http://www.Photonics.com).

### **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, Vietnam, 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](http://www.RadiantVisionSystems.com).

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