

For Immediate Release

Radiant Presents Principles of Colorimetry, the Science of Color Measurement, at the First *Photonics Spectra* Conference

REDMOND, Wash. – December 29, 2020 —

Radiant Vision Systems, a leading provider of test and measurement for light sources and displays, announces that it will present at the inaugural [Photonics Spectra Conference](#)—an online event featuring over 70 educational presentations from photonics industry leaders over four days, January 19-22, 2021. Radiant’s webinar titled “[Colorimetry: A Primer on the Science of Color Measurement](#)” will be presented by Radiant Product Engineer Jessy Hosken as part of the *Optics* track on

Wednesday, January 20, broadcasting from 2:00-2:30 P.M. EST. All sessions are free to attend and available online and on demand throughout the online conference.



Since 1967, [Photonics Spectra](#) has provided editorial, news, and media covering the most important advances in lasers, optics, imaging, and spectroscopy. *Photonics Spectra's* inaugural online conference will feature presentations on the latest trends, technologies, and applications across four tracks—Lasers, Optics, Spectroscopy, and Biomedical Imaging. Companies looking for a competitive edge in 2021 will benefit from the valuable knowledge of experts in these fields, who will lead this series of keynotes and webinar presentations on the latest advances and emerging applications for photonic technologies.

Part of the *Optics* track of the *Photonics Spectra* Conference, Radiant’s presentation “[Colorimetry: A Primer on the Science of Color Measurement](#)” will introduce the fundamental principles of scientific color measurement. Color measurement was formalized by the standardization of colorimetric values, functions, and formula through the [CIE \(International Commission on Illumination\)](#). These elements are used to calculate objective chromaticity values from light-emitting elements in a way that reflects human visual perception.

“The human eye is a specially calibrated optical instrument. Our eyes have a unique response to different wavelengths of light—a response that builds our perception of color and influences our impression of light-emitting elements,” states Hosken. “Colorimetry, the science of color measurement, describes this response and captures color as meaningful data to guide human-centric design and evaluation of many of today’s devices. Based on international

standards, this science creates a universal color language. Colorimetry also enables machines that provide a means to extract objective and repeatable values from light to perform automated optical metrology and visual quality inspection based on color.”

Presenting on behalf of Radiant, Product Engineer Jessy Hosken has worked directly with customers to support projects and implementations of Radiant hardware and software technology. In her current role, she is involved in overseeing product life cycles, including guiding, documenting, and communicating product developments as part of the product management team. Through her experience, she has developed a thorough understanding of light and color measurement using imaging colorimeters and sophisticated software tools. Hosken received a B.S. in physics and STS (Science, Technology, and Society) from the University of Puget Sound, Tacoma, Washington.

Photonics Spectra Conference is free to register and view sessions throughout the event dates (January 19-22). To register for the conference, visit <https://events.photonics.com/Event.aspx> or view Radiant’s presentation at <https://events.photonics.com/Presentation.aspx?EID=1&PID=57>. For more information about Radiant, visit www.RadiantVisionSystems.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.

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