

# WEBINARS PHOTONICS MEDIA [photronics.com](http://photronics.com)

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## What You Need to Know About Your AM Laser's Personality: Power Is Not the Complete Story

Tuesday, October 22, 2019 1:00 PM - 2:00 PM EDT

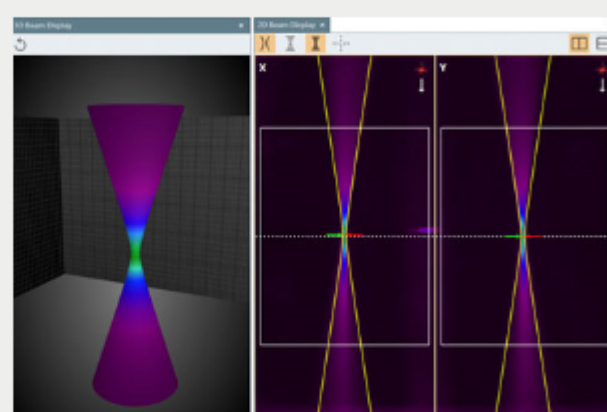
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Presented by



### About This Webinar

Most of us are familiar with the many benefits that laser-based additive manufacturing brings to manufacturing, including reduced tooling costs, easier testing of complex geometries, and faster time to market. With these benefits come the challenges of keeping the machines operating and in spec. But the performance of your laser will change over time. A power check will not give you the complete story. To keep the process running efficiently and product quality high, you need a more complete understanding of your laser's personality before and after each build.



In this webinar, Ophir's Dick Rieley will discuss why laser system performance changes and why it is important to understand — as well as when, how, and how often to measure and analyze the laser's performance so as not to affect the efficiency and quality of the products being produced.

#### About the presenter:

Dick Rieley is senior field sales engineer, Mid-Atlantic Region, for Ophir (U.S.), part of MKS Instruments' Light & Motion Division. He joined the company in 1998. Prior to that, he served as sales manager for Vanzetti Systems, a manufacturer of PCB laser inspection systems for the military, and as marketing manager for Belden Corp., a manufacturer of electronic wire and cable. Rieley is the author of dozens of articles on laser measurement and applications. He holds a B.A. in industrial business marketing from Miami University. When not knee-deep in lasers, he enjoys blue-water sailing and racing along the New Hampshire coast.

#### Who should attend:

Engineers, technicians, scientists, consultants, managers, and others who use, design, build, or integrate laser systems. Anyone involved in laser applications who needs clarity on how to correctly and accurately measure laser system performance.

#### About Ophir:

Ophir is a brand within the MKS Instruments Light & Motion Division. The Ophir product portfolio consists of laser and LED measurement products, including laser power and energy meters, laser beam profilers measuring femtowatt to hundred-kilowatt lasers, high-performance IR and visible optical elements, IR thermal imaging lenses and zoom lenses for defense and commercial applications, OEM and replacement high-quality optics, and subassemblies for CO<sub>2</sub> and high-power fiber laser material processing applications. Ophir products enhance its customers' capabilities and productivity in the semiconductor, industrial technologies, life and health sciences, research, and defense markets.

### Mark Your Calendar

**Date: Tuesday, October 22, 2019**

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

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