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## Principles of Laser Power/Energy Measurement

Wednesday, June 24, 2020 12:00 PM - 1:00 PM EDT

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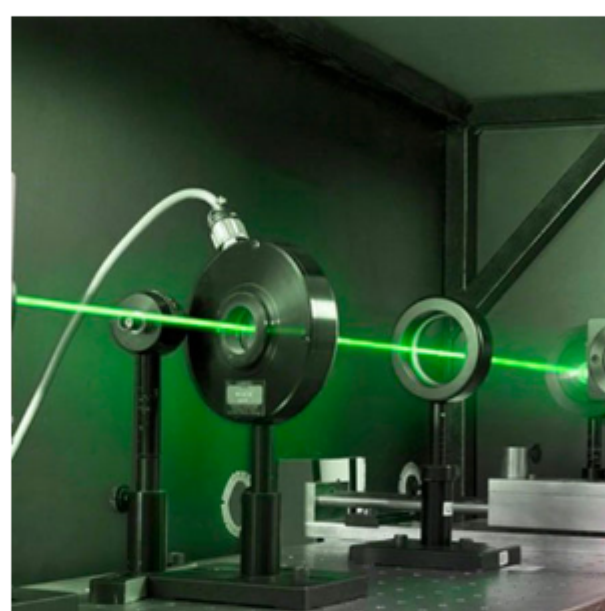
Presented by



### .: About This Webinar

Understanding laser behavior requires quantifying key laser characteristics. Regardless of how long you've been working with lasers, the subtle differences between the many measurement methods can be confounding. There is an endless variety of instruments and technologies that at first glance seem to do the same things. Often we realize we haven't even clearly defined for ourselves what parameters need to be measured.

Knowledge is power. The better you understand how laser measurement instruments work, the better your ability to choose the right equipment and make sense of its outputs. In this webinar, you'll learn how laser power and energy measurement work. Presenter Mark Slutzki of Ophir will clearly define the various beam parameters and look at the technologies typically used for measuring each of them. You will see how these are implemented in various types of instruments and develop an understanding of what type of equipment is best for what type of measurement.



#### About the presenter:

Mark Slutzki has been with Ophir since 2004 and serves as product manager for Power and Energy Measurement Solutions. Prior to that, he held similar positions in the semiconductor and telecom industries. Slutzki served in the Israeli Air Force as a research physicist working on special projects. He has a degree in electro-optics and applied physics.

#### 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 MKS Instruments' Light & Motion division. The 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.

### .: Mark Your Calendar

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**Time: 12:00 PM - 1:00 PM EDT**

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