

WEBINARS PHOTONICS MEDIA

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Best Practices: How to Achieve the Most Accurate Laser Energy Measurements

Tuesday, May 15, 2018 1:00 PM - 2:00 PM EDT

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Presented by



About This Webinar

Measuring a pulsed laser is complex. Besides power, you also need to worry about pulse energy, frequency, and pulse width (duration). If you need to measure laser pulse energies, you will most likely run into a variety of issues and challenges.

For instance:

- How pulse frequency and pulse width can limit your measurement range
- Damage threshold vs. pulse width
- Beam size - how much of your aperture should you fill

In this webinar, you will learn how laser energy measurement works and how to do it right.

We will cover:

- Technical principles behind energy measurement
- Best practices for making sure you are getting accurate readings
- How to avoid out-of-tolerance issues with your measuring tools
- And more on how to ensure accurate laser energy measurements

About the presenter:

Mark Slutzki has been with Ophir Photonics since 2004. He currently serves as product manager for the company's Power and Energy Measurement Solutions. Prior to that, he held similar positions in the semiconductor and telecom industries. Slutzki did military service as a research physicist working on special projects in the Israeli Air Force. He holds a bachelor's degree in applied physics/electro-optics from the Lev Academic Center at the Jerusalem College of Technology.

Who should attend:

- Engineers, technicians, and scientists who use, design, or integrate pulsed lasers or laser systems
- Anyone involved in laser applications who needs clarity on how to correctly and accurately measure laser energy

About Ophir:

With over 40 years of experience, Ophir provides a complete line of instrumentation including power and energy meters and beam profilers. Dedicated to continuous innovation in laser and LED measurement, the company holds a number of patents and is ISO/IEC 17025:2005 accredited for calibration of laser measurement instruments. Their modular, customizable solutions serve manufacturing, medical, military, and research industries throughout the world.



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Date: Tuesday, May 15, 2018

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