



Controlling High-Power Laser Processes

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.: About This Webinar

Laser beams with powers of many tens of kilowatts are becoming increasingly common in today's industrial applications. However, as the powers increase, the stakes increase as well. Keeping high-power laser processes stable and predictable requires careful monitoring of the appropriate laser parameters. Presenter Mark Slutzki of Ophir discusses:

- How correct measurement of the right high-power laser parameters can affect your application.
- The technical principles — and challenges — of measuring high-power lasers.
- Innovative solutions and best practices for using high-power lasers, including suitability for modern industrial processes.

Who should attend:

Engineers, project managers, R&D scientists, quality control professionals, and others involved in the design, monitoring, integration, and use of high-power lasers. This webinar focuses on metrology and best practices for use of such lasers, for beginners or those looking for refreshers on or upgrades to current methodologies for industrial applications.

About the presenter:

Mark Slutzki has worked at Ophir since 2004 and currently serves as product manager for power and energy measurement solutions. Prior to serving as product manager, he held similar positions in the semiconductor and telecom industries. Slutzki serviced in the military as a research physicist working on special projects for the Israeli Air Force. He has a Bachelor of Science degree in electro-optics and applied physics.

About Ophir:

Ophir is a brand within the MKS Instruments Light & Motion division. Its 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, and OEM and replacement high-quality optics and sub-assemblies for CO2 and high-power fiber laser materials processing applications.

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