

WEBINARS PHOTONICS MEDIA photonics.com

Expand your knowledge. Grow your career.



Join us for a **FREE Webinar**

Laser Source Selection for Microwelding Applications

Tuesday, June 25, 2019 1:00 PM - 2:00 PM EDT

[Register Now](#)

Sponsored by



About This Webinar

This webinar will cover laser engine and beam delivery options for microwelding applications for a range of markets, including medical device manufacturing, automotive components, electronic leads, and batteries. Microwelding can generally be defined as weld penetration of <1 mm (0.040 in.) and weld width <1 mm (0.040 in.). Component size typically ranges from microscopic to hand-held.

There are a number of microwelding laser sources and techniques available today for the manufacturing engineer. This webinar will discuss the differences between the various laser sources and the manufacturing considerations to keep in mind when you select the best laser for your application from the different commercial options available today.

This webinar is sponsored by [Ophir](#), a company dedicated to continuous innovation in laser and LED measurement. For more than 40 years, Ophir's modular, customizable solutions have been serving manufacturing, medical, military, and research industries throughout the world.

About the presenter:

Mark Boyle, Ph.D., is product manager at Amada Miyachi America Inc. In this role, he and his team focus on the development and support of products for a wide range of technologies, including laser welding, resistance welding, microTIG welding, reflow soldering, laser marking, laser cutting, and laser micromachining.

Earlier in his career, Boyle worked on a range of laser-based applications using continuous-wave and pulsed fiber, diode-pumped solid-state (DPSS), and ultrafast lasers. He obtained a B.S. in physics from the University of Texas at Austin and holds a doctorate in physics, with the specialty of laser-matter interaction, from the Free University in Berlin, Germany. He is a member of the American Welding Society.

As a leader in microwelding processes, Amada Miyachi America provides equipment solutions for tab-to-cell and tab-to-buss bar welding manufacturing in the battery industry. Boyle and his team anticipate emerging trends and potential requests in this area for future process and product development.

Who should attend:

This webinar is for engineers looking to change from resistance welding or microTIG welding technologies and for any engineers and technical professionals who want to better understand the new laser sources that are available today.



Mark Your Calendar

Date: Tuesday, June 25, 2019

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

Space is limited. Reserve your Webinar seat now at: <https://attendee.gotowebinar.com/register/6075125398052575746>

After registering you will receive a confirmation email containing information about joining the Webinar.

SYSTEM REQUIREMENTS

PC-based attendees

Required: Windows® 10, 8, 7, Vista, XP or 2003 Server

Mac® -based attendees

Required: Mac OS® X 10.6 or newer

Mobile attendees

Required: iPhone®, iPad®, Android™ phone or tablet, Windows 8 or Windows Phone 8

More from Photonics Media

Upcoming Webinars

- IIoT and the Future of Vision, 6/19/2019 1:00:00 PM EDT
- Keys to Success with Vision-Guided Robotics, 7/16/2019 1:00:00 PM EDT

Archived Webinars

- Stabilizing the Line of Sight: LOS Dynamics and Control
- VCSELs and Their Role in the Evolution of Photonic Systems

We respect your time and privacy. You are receiving this email because you are a Photonics Media subscriber, and/or a member of our website, Photonics.com. You may use the links below to manage your subscriptions or contact us.

Questions: info@photonics.com

[Unsubscribe](#) | [Subscribe](#) | [Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)

Photonics Media, 100 West St., PO Box 4949, Pittsfield, MA 01202-4949

© 1996 - 2019 Laurin Publishing. All rights reserved. Photonics.com is Registered with the U.S. Patent & Trademark Office. Reproduction in whole or in part without permission is prohibited.