



## WEBINARS

Join us for a **FREE Webinar**

# The Laser-Driven Light Source: Theory, Practice, and Applications

Thursday, December 1, 2022 1:00 PM - 2:00 PM EST

[Register Now](#)

Presented by



## .: About This Webinar

Numerous applications require broadband light sources that have stable output, high brightness, stable spectral composition, and a high degree of spatial coherence. The traditional broadband light sources, such as thermal black bodies or plasma discharge tubes, satisfy some of these performance requirements but rarely all. The Laser-Driven Light Source (LDLS) offers a significant performance improvement over traditional sources and is rapidly becoming the light source of choice in applications such as semiconductor wafer inspection, image sensor characterization, and the testing of optical systems such as telescopes.



Slawomir Piatek, Ph.D., briefly reviews the traditional broadband sources and compares them with the LDLS. He focuses on the operating principles of the LDLS, its optical characteristics, and existing and future applications.

### Who should attend:

Engineers, R&D scientists, and manufacturers who work with or utilize broadband light sources. Those who work in purchasing, integration, consulting, and education who are interested in learning more about the Laser-Driven Light Source. Those who work in aerospace, defense, automation, test & measurement, medicine, and environmental research.

### About the presenter:

Slawomir S. Piatek, Ph.D., is a senior university lecturer on physics at the New Jersey Institute of Technology and a science consultant for Hamamatsu Corp. At the university, he has been measuring the proper motions of nearby galaxies using images obtained by the Hubble Space Telescope. At Hamamatsu, he has developed a photonics training program for engineers. Piatek is also involved in popularizing the silicon photomultiplier (SiPM) as a novel photodetector by writing and lecturing, and by experimenting with the device. He earned a doctorate in physics from Rutgers, The State University of New Jersey, in 1994.

### About Hamamatsu Corp.:

Hamamatsu Corp. is the North American subsidiary of Hamamatsu Photonics KK (Japan), a leading manufacturer of devices for the generation and measurement of infrared, visible, and ultraviolet light. These devices include photodiodes, silicon photomultipliers, photomultiplier tubes, scientific light sources, infrared detectors, photoconductive detectors, and image sensors. The parent company is dedicated to the advancement of photonics through extensive research. This corporate philosophy results in state-of-the-art products that are used throughout the world in scientific, industrial, and commercial applications.

## .: Mark Your Calendar

**Date: Thursday, December 1, 2022**

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

Space is limited. Reserve your Webinar seat now at: <https://attendee.gotowebinar.com/register/7590734035553047310?source=eblast>

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

## SYSTEM REQUIREMENTS

### Operating System

Windows<sup>®</sup> 7 or later, Mac OS<sup>®</sup> X 10.9 or later, Linux<sup>®</sup>, Google Chrome<sup>™</sup> OS  
Android<sup>™</sup> OS 5 or later, iOS<sup>®</sup> 10 or later

### Web Browser

Google Chrome<sup>™</sup> (most recent 2 versions)  
Mozilla Firefox<sup>®</sup> (most recent 2 versions)

### Mobile Devices

Android<sup>™</sup> 5 or later  
iPhone<sup>®</sup> 4S or later  
iPad<sup>®</sup> 2 or later  
Windows Phone<sup>®</sup> 8+, Windows<sup>®</sup> 8RT+

## .: More from Photonics Media

### Upcoming Webinars

- [A User Guide to Image Quality Assessment for Artificial Intelligence](#), 11/29/2022 10:30:00 AM EST

### Archived Webinars

- [Looking Deeper by Listening to Light: Photoacoustic Imaging and Its Applications](#)
- [Managing Laser Degradation in Industrial Applications](#)
- [Harnessing Photons for Bond-Selective Imaging, Neuromodulation, and the Killing of Superbugs](#)

### Don't miss out!

Sign up for our [Webinar Alerts](#) email today and never miss an upcoming event.

We respect your time and privacy. You are receiving this email because you are a Photonics Spectra magazine subscriber. You may use the links below to manage your subscriptions or contact us.

Questions: [info@photonics.com](mailto: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 - 2022 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.