WEBINARS

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External Light Sources for Co-Packaged Optics: Applications and Beyond

Tuesday, May 9, 2023 1:00 PM - 2:00 PM EDT

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About This Webinar

The networking and computing applications landscape is evolving to be cost effective, bandwidth dense, and power efficient. These new requirements bring optics and electronic processes closer together in a single package or more commonly, as co-packaged optoelectronics (CPOs). The co-packaged optics arrangement works well for shorter transport systems, except for the base layers, which is better suited to be placed outside the package. Each notable growth trend (0.9% to 20%) endorses support to these new applications. Eeman Thachilpalam, Ph.D., describes various external light source solutions with emphasis on performance and cost reduction.

Who should attend?

Engineers, R&D scientists, or manufacturers who work on optical or passive optics in their applications. Those who are interested in the use of all siliconPhotonics and lasers in multiple industries. Anyone working with electronic lasers, and optic technologies in networking and computing applications.

About the presenter

Eeman Thachilpalam, Ph.D., is the director of silicon photonics R&D at Lumarest, focusing on next-generation integrated silicon photonics platforms. Prior to Lumarest, he was the director of the Photonics and Optical Communications program at Silicon Photonics. In his role, he oversaw the design of silicon photonics detectors and lasers. His team has also developed new integrated silicon optical electronic photonics components and achieves 0.9% efficiency in silicon photonics modules. He has over 20 years of experience in silicon photonics and has 16+ peer-reviewed publications including four publications for Nature Publishing Group.

About the sponsor

Yokogawa Test & Measurement is an industry-leading innovator of precision-based optical measurement solutions. Known as the leader in the design and development of single- and multi-wavelength spectrum analyzers on the market, their broad portfolio includes the award-winning AQ6373/3735, which contains high-resolution (0.2 nm) high-peak accuracy (0.5% PPM), high sensitivity (10 dBm), fast measurement speed (sub-second), and a broad range of applications (0.1 nm to 20 nm) and CW (0.1 nm to 10 nm) in a single-stage instrument with enhanced accuracy for multiple measurement workflows.

Mark Your Calendar

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Operating systems
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Chrome™ 78 or later, Firefox® 67 or later

Web Browser

Google Chrome™ 78 or later

Mobile Devices

Android™ 8.1 or later

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Upcoming Webinars

- Applications Maturity, Silicon Photonics Manufacturing Needs to Succeed, 5/22/23 1:00 PM EDT
- Addressing the Measurement Challenges of XI-Plane Optics: Displays, Cameras, and Video-24/25/2023 1:00 PM EDT

Archived Webinars

- Photonics Spectra/Photonics Spectra Conference 2023 - April 19th
- Reactive Vision with Collaborative Robots
- Recent Advances in Structural Light Lasers

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