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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 application landscape is evolving to be cost effective, bandwidth dense, and power efficient. Three new requirements for optics and electronic processors are closer together in a single package or more commonly, co-packaged optical networking (COPON). Co-packaged optics and electronics will offer advantages for network and computing applications. Attendees will learn why these three new requirements are necessary and what they can do for you. Attendees will learn about the advantages of using external light sources for COPON applications.

Who should attend?

Engineers, R&D scientists, or manufacturers who desire co-packaged optics in their applications. Those interested in the role of external light sources in multiple industries, particularly in the automotive, aerospace, and defense sectors.

About the presenter:

Eren Yeşiyurt, PhD, is a director of photonics R&D at Yokogawa, focusing on next-generation integrated photo- and micro-optics platforms. He has over 13 years of experience in the field of photonic devices, modeling, and design. He received his Ph.D. in electrical engineering and computer science from the University of California, Berkeley, in 2018. He has published several papers in high-impact journals, including Journal of Lightwave Technology (JLT) and Journal of Lightwave Technology (JLT-C). He has delivered several keynote speeches at international conferences and has received several awards for his research. He is currently an associate professor of electrical engineering at the University of California, San Diego.