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Fiberguide RARe Motheye Fiber: Random Anti-Reflective (RARe) Nanostructures on Optical Fibers as Replacement for AR Coatings

Thursday, January 18, 2018 1:00 PM - 2:00 PM EST

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Presented by



About This Webinar

In this webinar, Fiberguide will discuss a novel technology that utilizes anti-reflective (AR) material to create anti-reflective nanostructures. The Fiberguide technique, known as RARe Motheye Fiber, offers greatly improved wavelength ranges and damage thresholds suitable for the increased demands of 21st century laser systems. The presenters, who include the creator of the RARe Motheye Fiber, will offer examples of how this technology is being used in various industries.

Anti-reflective (AR) coatings, now entering their second century, have remained virtually unchanged since their inception. As power level and wavelength range requirements continue to increase, this aging technology struggles to keep up. Join us for this webinar and learn how Fiberguide's technology can significantly improve the functionality of AR coatings.

About the presenters:

Devinder Saini, Ph.D. is the vice president of technology for Fiberguide Industries. He is responsible for expanding the company's customized offerings of optical fibers and assemblies by developing new products and technologies. The originator of RARe Motheye Fiber technology, Saini has over 30 years of experience with scientific product development. He holds a Ph.D. in Physics from The City University (London), a M.S. in Molecular Science of Materials from Thames Polytechnic (London) and a B.S. in Physics and Astrophysics from University of London.

Mic Chaudoir, Ph.D. is the vice president of sales and marketing for Fiberguide Industries. In his role, Chaudoir is responsible for driving market expansion and new product development. He has 20 years of experience in biotech and technology sales. Chaudoir holds a Ph.D. in Cell and Molecular Biology from Northwestern University and a B.S. in Biochemistry from the University of Illinois at Urbana-Champaign.

Who should attend:

Engineers and technical professionals whose work involves application of lasers, optical sensors and/or thermal imaging in a wide range of fields including medical, industrial, materials processing, data communications, oil and gas, and aerospace and defense.

About Fiberguide:

Founded in 1977, Fiberguide Industries, Inc., a Halma company, is a leading supplier of specialty optical fiber and optical fiber assemblies with sales in over 30 countries. Fiberguide's mission is to provide customers with innovative solutions enabling the advancement of technology and the improvement of safety and health worldwide. Fiberguide's optical fibers and assembled products allow its OEM customers to create photonics solutions in many industries. Visit Fiberguide at Photonics West 2018, Booth 5257 for additional information and to view a demo of the RARe Motheye Fiber. A demo of this technology is also scheduled to take place at Photonics West, Demo Area 2, on Tuesday, January 30 at 2 p.m. PST.



Mark Your Calendar

Date: Thursday, January 18, 2018

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

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